SISAS

CATALOGUE 18 19

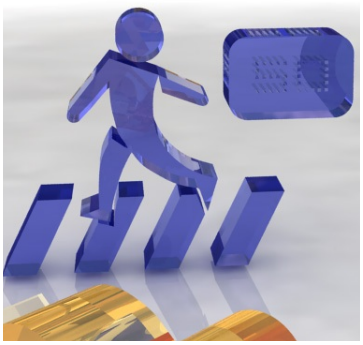
/SISAS/

/ Signs / Systems / Safety /

To grow,
always grow

/ our mission /
protecting the weak

The company's priority is the safety of road users, be them vehicles or pedestrians.
Prevention is better than punishment and the best way to handle accidents is to avoid them.
Sisas designs every product following this precise logic, while conforming to the most stringent construction standards and the strictest ethical codes.

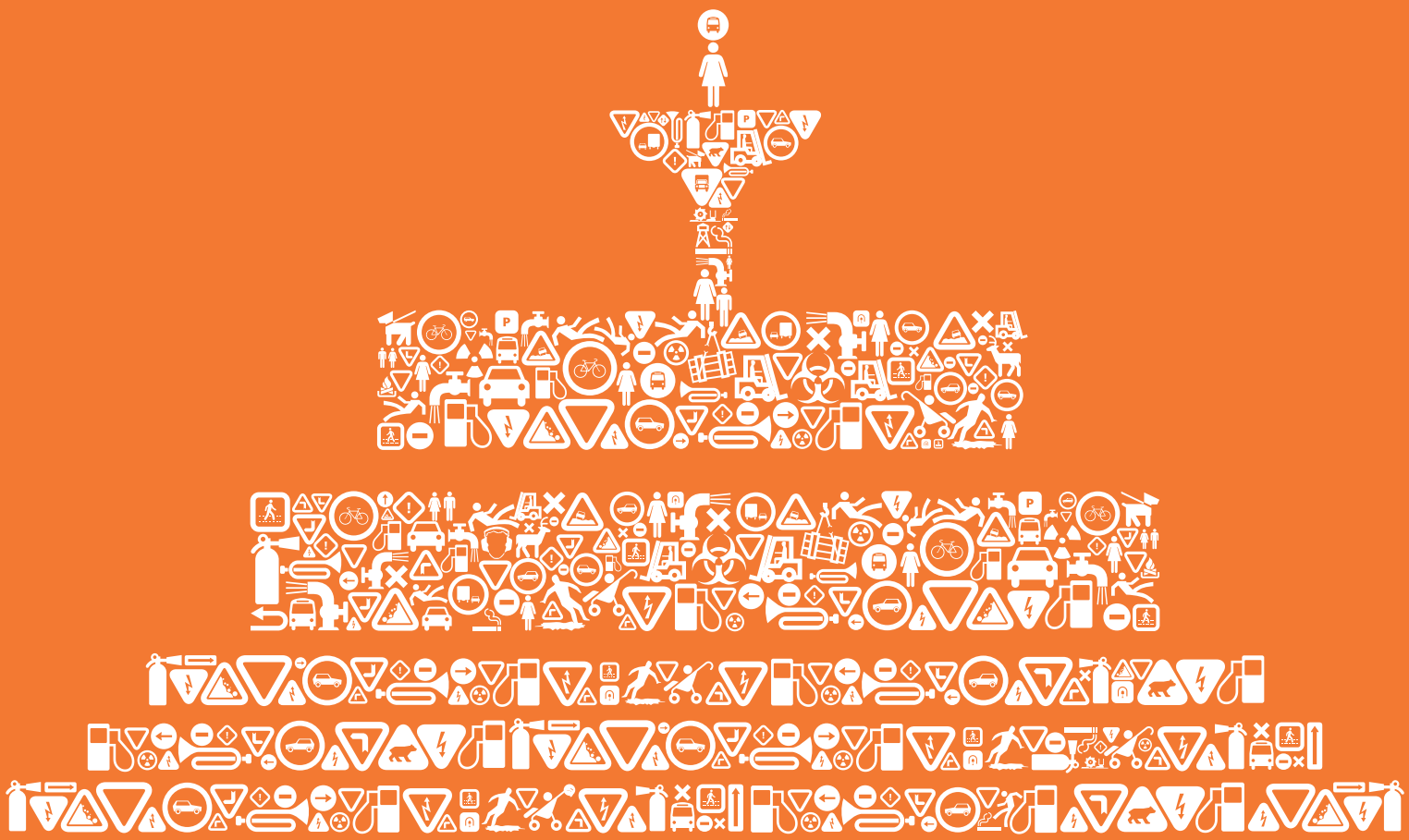


The company offers a wide range of products ranging from signage, to systems for monitoring traffic and mobility, each designed and constructed with the specific goal of increasing safety on the road and at work.

Our production is spread over three sites: one in Perugia and the other two in Bulgaria, divided by product type and controlled directly by the Italian headquarters. Understanding the strategic importance of diversification, over the years Sisas expanded its activities to adjacent markets and increased its portfolio of products and services, quickly transforming itself into one of the most competitive and comprehensive companies in the industry and achieving success in both Italy and abroad.

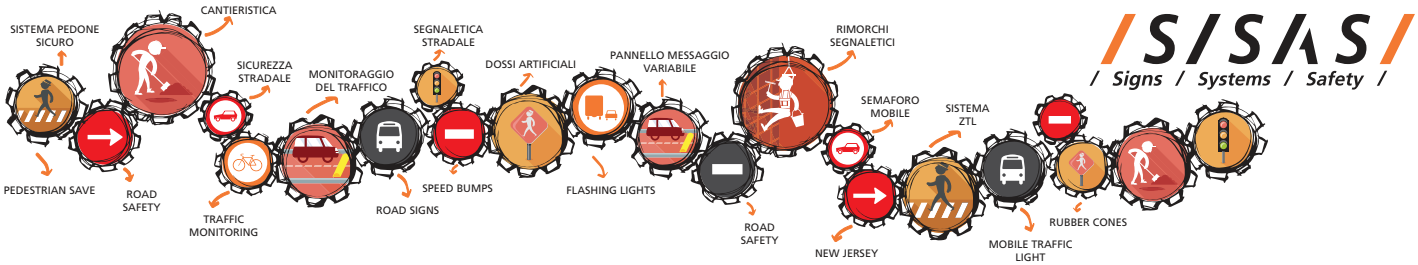
A sure way
Sisas is a leader in the signage and highway safety industry, able to provide an adequate response to the needs for safety and monitoring required by modern roadway networks.

The road is our history



/ who we are /
past and future in a single company

Sisas was founded in Umbria.
From Umbria, it absorbed the values of industriousness, seriousness and commitment that, together with continuous innovation, have allowed it to grow large in Italy and throughout the world.



Sisas's story began in Umbria in 1980 with the production of highway signage and products to prevent traffic accidents. It embarked on a path of constant evolution, alternating changes, development and innovation in a continual search for solutions to increase safety on the road. So, to the production of signage, in the early 1990s, we added electronic instruments through the acquisition of a company in the field of traffic monitoring. In 1995, the company's strategic and operational scope continued to expand with the creation of Bulgaria SI.ZE, allowing entry into the market of rubber for road signs. In 2004, we founded Sisas Techtronic, which specializes in the design, manufacture and marketing of high technology electronic products for traffic control. Finally, in 2006, we founded Sisas BG, also in Bulgaria, to produce entry-level electronic materials and mould plastic parts.

On the streets of the world

Thanks to our sites in Bulgaria and rapid growth in European markets and beyond, Sisas has assumed a growing international vocation. Proof of this are the installations of its products on the streets of many countries around the world and participation in major trade shows both in Italy and abroad.

Intelligence and craft

/ research & development /
a company in constant evolution

Sisas combines its craft-oriented approach with the most advanced tools provided by modern technology, in an ongoing search for the perfect combination that will achieve the highest level of safety on the roads of the world.

Sisas designs and manufactures integrated systems for road safety and the work environment, providing its customers the highest level of customization and production flexibility. The experience gained in over 20 years of activity allows us to meet the needs of the most discerning buyers in the field of traffic safety and monitoring. In addition, our advanced and flexible manufacturing system allows for the production of a wide range of products conforming to the highest quality standards. Each stage of the process is strictly controlled and subjected to ISO 9001 certification, ensuring that all products, which are certified compliant with Italian and European Community standards, conform to the highest standards required by law. Sisas's philosophy is to position itself not as a mere supplier to its customers, but as a strong, effective and strategic partner that can support them while meeting its market objectives, adopting a win-win attitude.

Future Direction

Our R&D is constantly oriented towards identifying solutions capable of increasing standards of safety and prevention on the road. Our products are the result of a complex design process that leads us to identify the most innovative technologies to ensure that products are functional, durable and economical.

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/S/

Permanent Road Signs

The road is close to our hearts and our mission includes everything that makes its safer.

Sisas ensures the complete availability of solutions and products useful for meeting the requirements imposed by the Highway Code and we will support you wherever these needs cannot be overlooked.

In this section you will find useful information and tips for all road users, to protect them from the hazards that, despite all efforts, are present under normal driving conditions.

Road Mirror "Icaro"

Description:
They are used in low visibility conditions, especially at crossings, and inside of parkings, mounted on poles or on wall shelves.

Strengths:
Increase the visibility, the mirror is resistant to hurts and crushings.

Dimensions (H / L / W): box road mirror Ø 50 cm: 52 x 52 x 13 cm box road mirror Ø 60 cm: 62 x 62 x 13 cm box road mirror Ø 70 cm: 72 x 72 x 15 cm box road mirror Ø 80 cm: 82 x 82 x 19 cm box road mirror Ø 90 cm: 91 x 91 x 19 cm	**Weight:** Ø 50 cm: 2,5 kg / Ø 60 cm: 3,2 kg / Ø 70 cm: 4,3 kg / Ø 80 cm: 5,1 kg / Ø 90 cm: 6,3 kg
	Construction materials: polypropylene back body, aluminized acrylic front mirror
	External surface treatments: reflecting part in aluminized acrylic

accessories

Code: 909021006

technical datasheet

Code	Description
909021006	Wall shell with plate for mirror

Code	Description	Pallet
909035005	Road mirror "Icaro" Ø 50 cm	39 pcs
909035006	Road mirror "Icaro" Ø 60 cm	30 pcs
909035010	Road mirror "Icaro" Ø 70 cm	21 pcs
909035011	Road mirror "Icaro" Ø 80 cm	12 pcs
909035013	Road mirror "Icaro" Ø 90 cm	12 pcs

Road Mirror "Tiziano"

Description:
They are used in low visibility conditions, especially at crossings, and inside of parkings, mounted on poles or on wall shelves.

Strengths:
Made of plastic material which is resistant to the weathering. It can be installed on Ø 60 mm and 48 mm poles. Thanks to its lighter weight and to the low thickness, the mirror storage and transportation is reduced a lot.

Dimensions: Road mirror box: 62 x 62 x 6,5 cm	**Construction materials:** polypropylene back body, the mirror surface is made of polymethylmethacrylate material
Weight: 2,3 kg	**External surface treatments:** aluminized acrylic

accessories

Code: 909021006

technical datasheet

Code	Description
909021006	Wall shell with plate for mirror

Code	Description	Pallet
909035054	Road mirror "Tiziano" Ø 60 cm	51 pcs

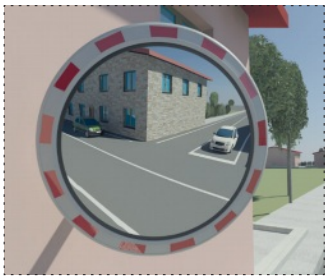
Road Mirror "Giotto"

New rear support

Description:
They are used in low visibility conditions, especially at crossings, and inside of parkings, mounted on poles or on wall shelves.

Strengths:
Increase the visibility, the mirror is resistant to hurts and crushings.

	Dimensions (H / L / W): box road mirror Ø 50 cm: 68 x 68 x 12 cm box road mirror Ø 60 cm: 73 x 73 x 11 cm box road mirror Ø 80 cm: 93 x 93 x 11 cm box road mirror Ø 100 cm: 113 x 113 x 19 cm		**Weight:** Ø 50 cm: 3 kg / Ø 60 cm: 3,7 kg / Ø 80 cm: 6 kg / Ø 100 cm: 10 kg
			Construction materials: aluminium-plated acrylic with a black rubber gasket, the back body in high impact white material
			External surface treatments: reflecting part in aluminized acrylic



accessories

Code: 909021006

technical datasheet

Code	Description
909021006	Wall shell with plate for mirror

Code	Description	Pallet
909035074	Road mirror "Giotto" Ø 50 cm with reflective inserts	30 pcs
909035026	Road mirror "Giotto" Ø 60 cm with reflective inserts	30 pcs
909035027	Road mirror "Giotto" Ø 80 cm with reflective inserts	20 pcs
909035039	Road mirror "Giotto" Ø 100 cm with reflective inserts	8 pcs

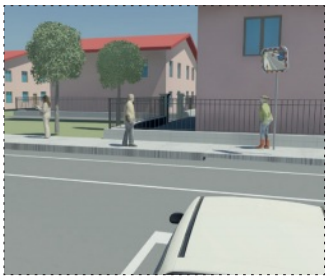
Road Mirror "Raffaello"

New rear support

Description:
They are used in low visibility conditions, especially at crossings, and inside of parking, mounted on poles or on wall shelves.

Strengths:
Increase the visibility, the mirror is resistant to hurts and crushings.

	Dimensions (H / L / W): box road mirror 60x40 cm: 76 x 56 x 11 cm box road mirror 80x60 cm: 94 x 74 x 11 cm box road mirror 100x80 cm: 114 x 94 x 15 cm		**Construction materials:** aluminium-plated acrylic with a black rubber gasket, the back body in high impact white material
	Weight: 60x40 cm: 4 kg 80x60 cm: 5,5 100x80 cm: 8 kg		**External surface treatments:** reflecting part in aluminized acrylic



accessories

Code: 909021006

technical datasheet

Code	Description
909021006	Wall shell with plate for mirror

Code	Description	Pallet
909035030	Road mirror "Raffaello" 60x40 cm with reflective inserts	30 pcs
909035040	Road mirror "Raffaello" 80x60 cm with reflective inserts	20 pcs
909035041	Road mirror "Raffaello"100x80 cm with reflective inserts	10 pcs

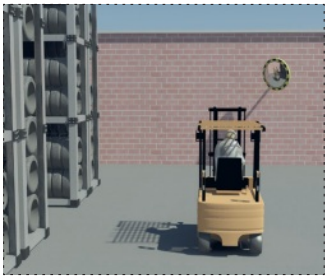
Industrial Mirror “Archimede”

New rear support

Description:
They are used in low visibility conditions, in dangerous spots in production areas or warehouses.

Strengths:
Increase the visibility, the mirror is resistant to hurts and crushings.

Dimensions (H / L / W): box road mirror Ø 50 cm: 68 x 68 x 12 cm box road mirror Ø 60 cm: 73 x 73 x 11 cm box road mirror Ø 80 cm: 93 x 93 x 11 cm box road mirror Ø 100 cm: 113 x 113 x 19 cm	**Weight:** Ø 50 cm: 3 kg / Ø 60 cm: 3,7 kg / Ø 80 cm: 6 kg / Ø 100 cm: 10 kg **Construction materials:** aluminium-plated acrylic with a black rubber gasket, the back body in high impact yellow material **External surface treatments:** reflecting part in aluminized acrylic



accessories

Code: 909021006

technical datasheet

Code	Description
909021006	Wall shell with plate for mirror

Code	Description	Pallet
909035076	Road mirror “Archimede” Ø 50 cm with reflective inserts	30 pcs
909035045	Road mirror “Archimede” Ø 60 cm with reflective inserts	30 pcs
909035050	Road mirror “Archimede” Ø 80 cm with reflective inserts	20 pcs
909035051	Road mirror “Archimede” Ø 100 cm with reflective inserts	8 pcs

Industrial Mirror “Caravaggio”

New rear support

Description:
They are used in low visibility conditions, in dangerous spots in production areas or warehouses.

Strengths:
Increase the visibility, the mirror is resistant to hurts and crushings.

Dimensions (H / L / W): box road mirror 60x40 cm: 76 x 56 x 11 cm box road mirror 80x60 cm: 94 x 74 x 11 cm box road mirror 100x80 cm: 114 x 94 x 15 cm	**Construction materials:** aluminium-plated acrylic with a black rubber gasket, the back body in high impact yellow material
Weight: 60x40 cm: 4 kg 80x60 cm: 5,5 100x80 cm: 8 kg	**External surface treatments:** reflecting part in aluminized acrylic

accessories

Code: 909021006

technical datasheet

Code	Description
909021006	Wall shell with plate for mirror

Code	Description	Pallet
909035044	Road mirror “Caravaggio” 60x40 cm with reflective inserts	30 pcs
909035043	Road mirror “Caravaggio” 80x60 cm with reflective inserts	20 pcs
909035042	Road mirror “Caravaggio” 100x80 cm with reflective inserts	10 pcs

Indoor Mirror “Tolomeo”

Description:
They are mainly used inside shops, stores and banks to increase the visibility in hide zones.

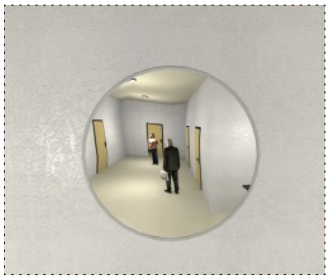
Strengths:
Easy to install and to remove, lightweight, it guarantees high visibility.

Dimensions (H / L / W):
box indoor mirror Ø 30 cm: 31 x 31 x 4 cm
box indoor mirror Ø 40 cm: 41 x 41 x 5 cm
box indoor mirror Ø 50 cm: 51 x 51 x 6 cm
box indoor mirror Ø 60 cm: 61 x 61 x 6 cm
box indoor mirror Ø 70 cm: 71 x 71 x 6 cm
box indoor mirror Ø 90 cm: 91 x 91 x 8 cm

Weight:
Ø 30 cm: 0,6 kg / Ø 40 cm: 0,95 kg / Ø 50 cm: 1,3 kg / Ø 60 cm: 1,7 kg / Ø 70 cm: 2,2 kg / Ø 90 cm: 4,3 kg

Construction materials:
made in aluminized acrylic material; the adges of the mirrors are made with black rubber gasket

External surface treatments:
mirror surface: aluminum treatment, for the protection of the mirror is applied a transparent film



technical datasheet

Code	Description	Pallet
909035021	Indoor mirror “Tolomeo” Ø 30 cm	540 pcs
909035022	Indoor mirror “Tolomeo” Ø 40 cm	240 pcs
909035023	Indoor mirror “Tolomeo” Ø 50 cm	112 pcs
909035024	Indoor mirror “Tolomeo” Ø 60 cm	75 pcs
909035046	Indoor mirror “Tolomeo” Ø 70 cm	51 pcs
909035047	Indoor mirror “Tolomeo” Ø 90 cm	26 pcs

Indoor Mirror “Leonardo”

Description:
They are mainly used inside shops, stores and banks to increase the visibility in hide zones.

Strengths:
Easy to install and to remove, lightweight, it guarantees high visibility.

Dimensions (H / L / W):
box indoor mirror 60 x 40 cm: 63 x 43 x 8 cm

box indoor mirror 80 x 60 cm: 81 x 61 x 6 cm

Construction materials:
made in aluminized acrylic; the adges of the mirrors are made with black rubber gasket

Weight:
60x40 cm: 1,62 kg

80x60 cm: 2,35 kg

External surface treatments:
mirror surface: aluminum treatment, for the protection of the mirror is applied a transparent film

technical datasheet

Code	Description	Pallet
909035048	Indoor mirror “Leonardo” 60x40 cm	95 pcs
909035049	Indoor mirror “Leonardo” 80x60 cm	60 pcs

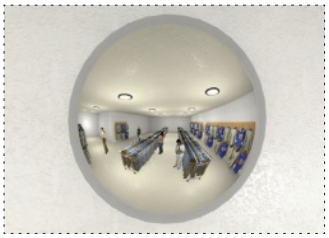
Surveillance Mirror “Michelangelo”

Description:
They are used to provide all-round vision for maximum safety in factories and warehouses. They can be mounted on the wall or suspended from the ceiling.

Strengths:
Easy to install and to remove, lightweight, it guarantees high visibility.

technical datasheet

	Dimensions (D / W): surveillance indoor mirror Ø 60 cm: 60 x 60 x 20 cm surveillance indoor mirror Ø 70 cm: 70 x 70 x 26 cm surveillance indoor mirror Ø 80 cm: 80 x 80 x 28 cm surveillance indoor mirror Ø 90 cm: 90 x 90 x 34 cm surveillance indoor mirror Ø100 cm: 100 x 100 x 38 cm		**Weight:** Ø 60 cm: 0,7 kg / Ø 70 cm: 1 kg / Ø 80 cm: 1,6 kg / Ø 90 cm: 1,7 kg / Ø 100 cm: 2,9 kg
			Construction materials: aluminium-plated acrylic reflecting mirror
			External surface treatments: mirror surface: aluminum treatment, for the protection of the mirror is applied a transparent film



Code	Description	Pallet
909012002	Surveillance “Michelangelo” Ø 60 cm	60 pcs
909012003	Surveillance “Michelangelo” Ø 70 cm	30 pcs
909012004	Surveillance “Michelangelo” Ø 80 cm	30 pcs
909012006	Surveillance “Michelangelo” Ø 90 cm	30 pcs
909012005	Surveillance “Michelangelo” Ø 100 cm	30 pcs

Surveillance Mirror “Tintoretto”

Description:
They are used to provide all-round vision for maximum safety in factories and warehouses. They can be mounted on the wall or suspended from the ceiling.

Strengths:
Easy to install and to remove, lightweight, it guarantees high visibility.
- **Also available Ø 100 mm**

technical datasheet

	Dimensions: Ø 60 cm: 60 x 30 x 20 cm Ø 70 cm: 70 x 35 x 26 cm Ø 80 cm: 80 x 40 x 28 cm Ø 90 cm: 90 x 45 x 34 cm		**Construction materials:** aluminium-plated acrylic reflecting mirror
	Weight: Ø 60 cm: 0,35 kg Ø 70 cm: 0,50 kg Ø 80 cm: 0,80 kg Ø 90 cm: 0,85 kg		**External surface treatments:** mirror surface: aluminum treatment, for the protection of the mirror is applied a transparent film

Code	Description	Code	Description
909012007	Mirror “Tintoretto” Ø 60 cm	909012008	Mirror “Tintoretto” Ø 70 cm
909012009	Mirror “Tintoretto” Ø 80 cm	909012010	Mirror “Tintoretto” Ø 90 cm

Surveillance Mirror “Signorelli”

Description:
They are used to provide all-round vision for maximum safety in factories and warehouses. They can be mounted on corners.

Strengths:
Easy to install and to remove, lightweight, it guarantees high visibility.
- **Also available Ø 100 mm**

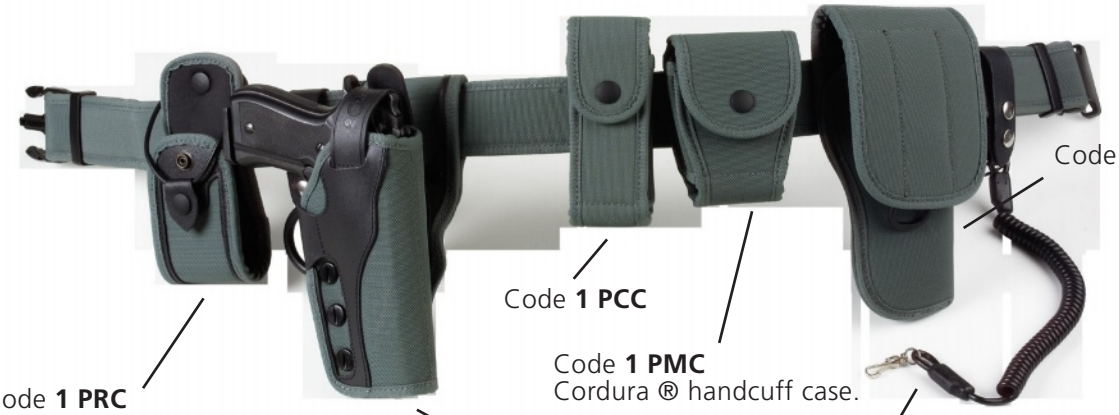
technical datasheet

	Dimensions: Ø 60 cm: 30 x 30 x 20 cm Ø 70 cm: 35 x 35 x 26 cm Ø 80 cm: 40 x 40 x 28 cm Ø 90 cm: 45 x 45 x 34 cm		**Construction materials:** aluminium-plated acrylic reflecting mirror
	Weight: Ø 60 cm: 0,20 kg Ø 70 cm: 0,25 kg Ø 80 cm: 0,40 kg Ø 90 cm: 0,50 kg		**External surface treatments:** mirror surface: aluminum treatment, for the protection of the mirror is applied a transparent film

Code	Description	Code	Description
909012012	Mirror “Signorelli” Ø 60 cm	909012013	Mirror “Signorelli” Ø 70 cm
909012014	Mirror “Signorelli” Ø 80 cm	909012015	Mirror “Signorelli” Ø 90 cm

Accoutrements

Customized equipments for Police Departments. Ask for quotation and for a full range of our products.



technical datasheet

Code	Description
1 PRC	Cordura® radio holder and reinforcements
1 FC	Cordura® holster adjustable rapid extraction
1 CORR S	Pistol lanyard with loop
1 PMC	Cordura® handcuff case
1 PCC	Hand cuff case
2 FC	Hosteer

Code	Description
10 COP	Leather duty belt for Forces uniform

Code	Description
3 COC	Duty belt (with bucke covered) MI model

Code	Description
12 FP	Holster (refractive material)

Code	Description
DE 150	Injected polymer Holster with security level III

h 3 cm Rubber Speed Moderator

(h 3 x 60 x 48 cm) 50

Description:
The device is mounted on streets where the speed limit is 50 km/h. It can be installed in all the places where you want to keep a moderate speed.

Strengths:
Modular, elastic and resistant to the crushing, the yellow inserts guarantee high night visibility.

	Dimensions (H / L / W): speed moderator: 3 x 60 x 48 cm terminal: 3 x 60 x 22 cm insert: 12 x 17,5 cm		**Construction materials:** High elasticity vulcanized rubber product
	Weight: speed moderator: 8,7 kg terminal: 3,5 kg		**External surface treatments:** application of 6 elastoplastic yellow reflective inserts

accessories

Code: 199000057

technical datasheet

Code	Description
199000057	HBR 10 x 120 fixing screws

Code	Description	Pallet
109803611	3 cm speed moderator	100 pcs
110913000	3 cm male Terminal	100 pcs
110923000	3 cm female Terminal	100 pcs

h 5 cm Rubber Speed Moderator

(h 5 x 90 x 50 cm) 40

Description:
The device is mounted on streets where the speed limit is 40 km/h. It can be installed in all the places where you want to keep a moderate speed.

Strengths:
Modular, elastic and resistant to the crushing, the yellow inserts guarantee high night visibility.

	Dimensions (H / L / W): speed moderator: 5 x 90 x 50 cm insert: 24,6 x 16,7 cm terminal: 5 x 90 x 27 cm		**Construction materials:** High elasticity vulcanized rubber product
	Weight: speed moderator: 20 kg terminal: 6,5 kg		**External surface treatments:** application of 4 elastoplastic yellow reflective inserts

accessories

Code: 199000070

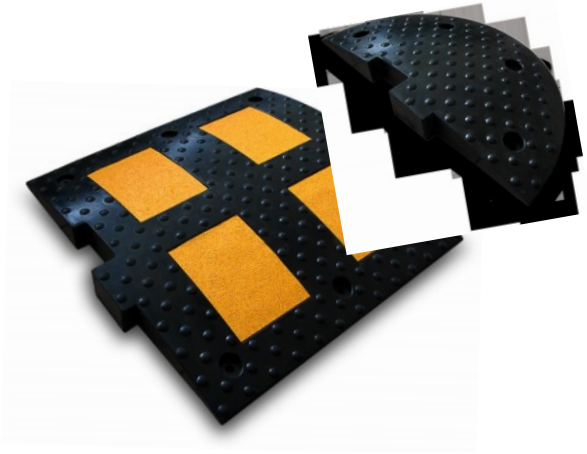
technical datasheet

Code	Description
199000070	HBR 12 x 140 fixing screws

Code	Description	Pallet
109805411	5 cm speed moderator	60 pcs
110615000	5 cm male terminal	100 pcs
110625000	5 cm female terminal	100 pcs

h 5 cm Rubber Speed Moderator

(h 5 x 50 x 50 cm) 40



Description:
The device is mounted on streets where the speed limit is 40 km/h. It can be installed in all the places where you want to keep a moderate speed.

Strengths:
Modular, elastic and resistant to the crushing, the yellow inserts guarantee high night visibility.

	Dimensions (H / L / W): speed moderator: 5 x 50 x 50 cm insert: 15,5 x 11,8 cm terminal: 5 x 50 x 27 cm		**Construction materials:** High elasticity vulcanized rubber product
	Weight: speed moderator: 12 kg terminal: 3,8 kg		**External surface treatments:** application of 4 elastoplastic yellow reflective inserts

accessories

Code: 199000070

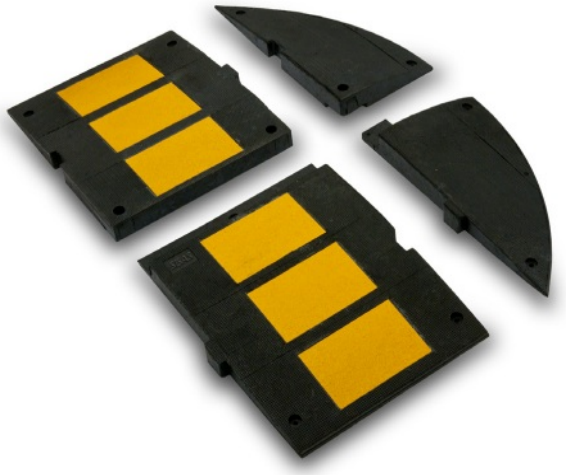
technical datasheet

Code	Description
199000070	HBR 12 x 140 fixing screws

Code	Description	Pallet
109605412	5 cm speed moderator	80 pcs
110415000	5 cm terminal	100 pcs

h 7 cm Rubber Speed Moderator

(h 7 x 120 x 50 cm) 30



Description:
The device is mounted on streets where the speed limit is 30 km/h. It can be installed in all the places where you want to keep a moderate speed.

Strengths:
Modular, elastic and resistant to the crushing, the yellow inserts guarantee high night visibility.

	Dimensions (H / L / W): speed moderator: 7 x 120 x 50 cm insert: 24,6 x 15,8 cm total terminal: 7 x 120 x 30,7 cm		**Construction materials:** High elasticity vulcanized rubber product
	Weight: total speed moderator: 33 kg total terminal: 14,5 kg		**External surface treatments:** application of 6 elastoplastic yellow reflective inserts

accessories

Code: 199000081

technical datasheet

Code	Description
199000081	HBR 16 x 140 fixing screws

Code	Description	Pallet
109817311	7 cm speed moderator (male)	56 pcs
109827311	7 cm speed moderator (female)	56 pcs
110117000	7 cm male terminal	100 pcs
110127000	7 cm female terminal	100 pcs

h 7 cm Rubber Pedestrian Crossing

Description:
It is useful device for the protection of the "weak users" of the street such as: pedestrians, cyclists, children and elderly people in the residential zones and near the schools. The device has the purpose to limit the speed of the driver and to pay attention to the pedestrian crossing. It is recommended with other products as the pedestrian save, in order to increase the security of the pedestrian especially during the night.

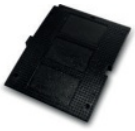
Strengths:
Very easy to install, to remove and to carry. The modular elements made of vulcanized rubber can guarantee the maximum elasticity and resistance from the passing vehicles. The white reflective inserts allow high visibility also during the night.

Dimensions (H / L / W): black modular brick: 7 x 50 x 50 cm white modular brick: 7 x 50 x 50 cm male terminal driver side: 7 x 60 x 50 cm female terminal driver side: 7 x 60 x 50 cm coupling angle: 7 x 60 x 60 cm	**Weight:** black modular brick: 11 kg white modular brick: 12,5 kg male terminal driver side: 15,5 kg female terminal driver side: 15,5 kg coupling angle: 15 kg
Construction materials: High elasticity vulcanized rubber product	
External su rface treatments: application of elastoplastic white and yellow reflective inserts	

technical datasheet

spare parts

Code: 109617000



Code: 111050000

Code: 111050110

Code: 109617311

Code: 109627311

Code: 111030008

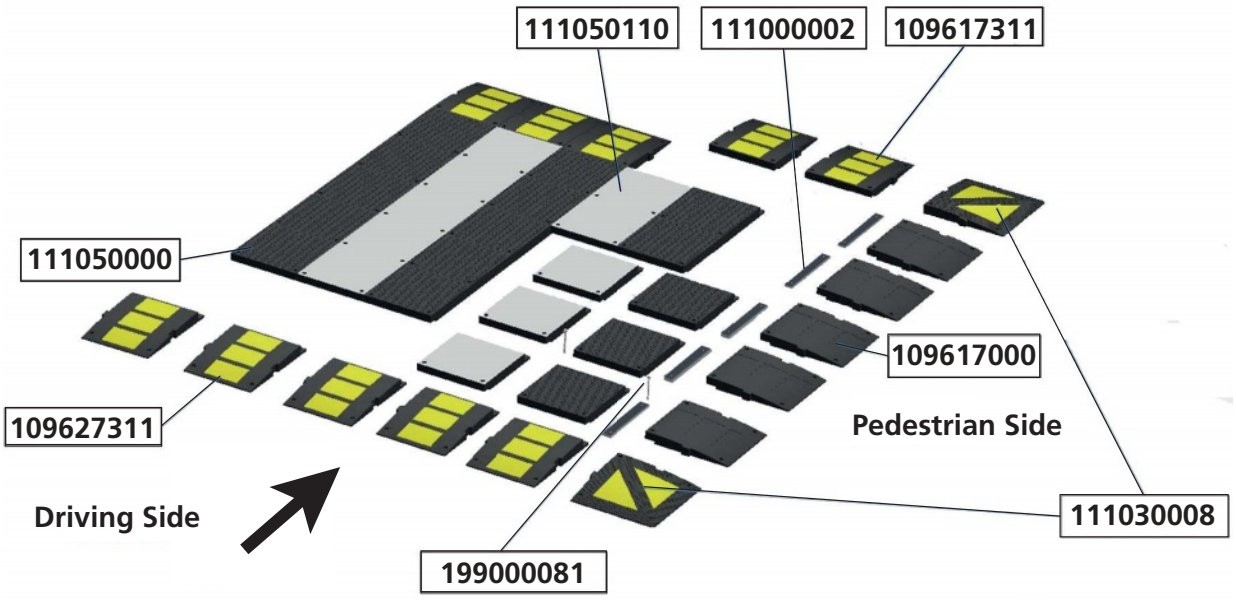
accessories

Code: 199000081

Code: 111000002

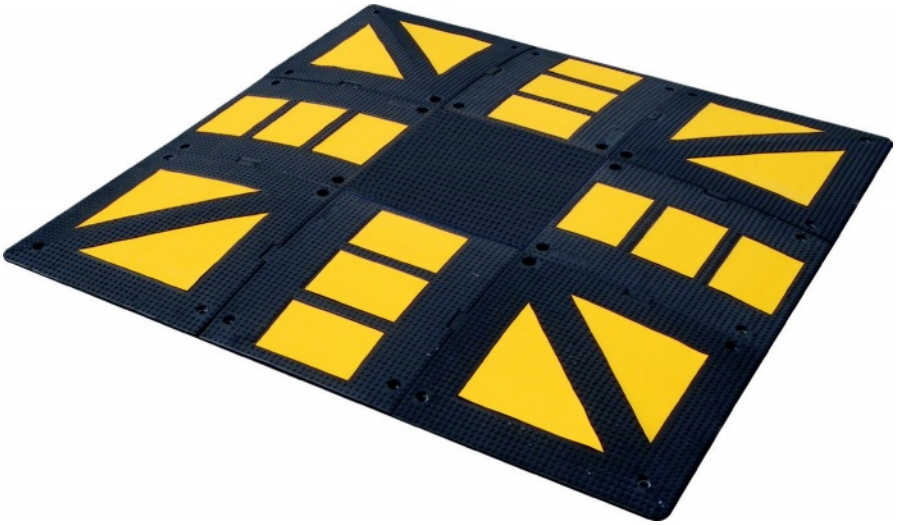
Code	Description
199000081	KPR 16 x 140 fixing screws
111000002	Black lath 50x7x1,5 cm

Rubber Pedestrian Crossing Composition:



Code	Description
111050000	Black modular brick 50 x 50 x h 7 cm
111050110	White modular brick 50 x 50 x h 7 cm
109617311	Male terminal driver side 50 x 60 x h 7 cm
109627311	Female terminal driver side 50 x 60 x h 7 cm
109617000	Pedestrian side terminal 50 x 60 x h 7 cm
111030008	Coupling angle 60 x 60 x h 7 cm

Rubber Speed Cushions



Description:
The device is mounted on streets where the speed limit is 30 km/h. It can be installed in all the places where you want to keep a moderate speed.

Strengths:
Modular, elastic and resistant to the crushing, the yellow inserts guarantee high night visibility.

	Dimensions: h 7 x 170 x 170 cm		**Construction materials:** SBR Rubber
	Weight: 130 kg		**External surface treatments:** application of yellow inserts

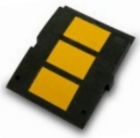
technical datasheet

Speed Cushions Composition:

spare parts

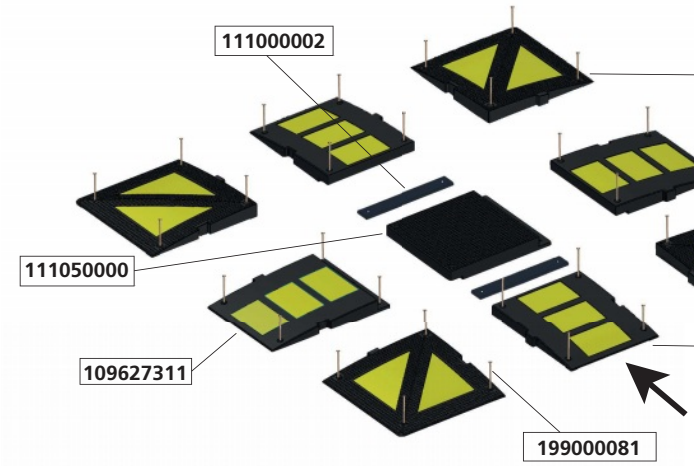
Code: 111050000

Code: 109617311



Code: 109627311

Code: 111030008



accessories

Code: 199000081

Code: 111000002

Code	Description
199000081	KPR 16 x 140 fixing screws
111000002	Black lath 50x7x1,5 cm

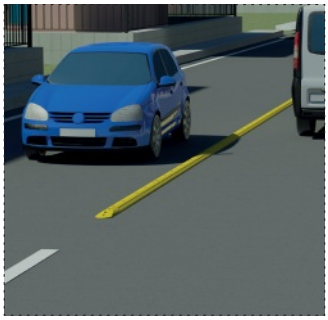
Code	Description
111050000	Black modular brick 50 x 50 x h 7 cm
109617311	Male terminal driver side 50 x 60 x h 7 cm
109627311	Female terminal driver side 50 x 60 x h 7 cm
111030008	Coupling angle 60 x 60 x h 7 cm

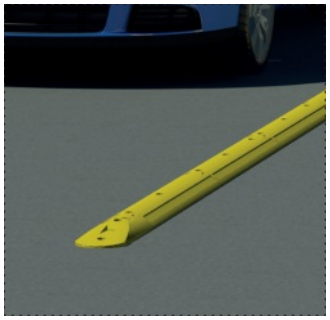
h 5 cm
Rubber Curbstone

Description:
It is a rubber product used for safe solution that provides a visual separation between vehicle and bicycle lanes. Ideal for use anywhere with bicycle traffic, the lane delineators keep vehicles and bikes traffic in their respective lanes.

Strengths:
High elasticity rubber product, resistant to the hurts and to the weathering, good visibility during the night.

	Dimensions (H / L / W): curbstone: 5 x 100 x 16 cm insert: 98 x 2,5 cm male terminal: 5 x 52,5 x 16 cm female terminal: 5 x 42,5 x 16 cm insert: 3,9 x 2,5 cm		**Construction materials:** High elasticity vulcanized rubber product
	Weight: curbstone: 7,5 kg male terminal: 2,9 kg female terminal: 2 kg		**External surface treatments:** application of elastoplastic yellow reflective inserts





accessories

Code: 199000070

technical datasheet

Code	Description
199000070	HBR 12 x 140 fixing screws

Code	Description	Pallet
107605121	Curbstone 5 cm yellow	100 pcs
108615112	Curbstone 5 cm yellow male terminal	100 pcs
108625112	Curbstone 5 cm yellow female terminal	100 pcs

h 10 cm
Rubber Curbstone

fully reflective painted

Description:
It is used as lane delimit where the road transit is allowed only to determinate categories of vehicles such as: taxi, buses, ambulances.

Strengths:
High elasticity rubber product, resistant to the hurts and to the weathering, good visibility during the night.

	Dimensions (H / L / W): curbstone: 10 x 100 x 30 cm insert: 98 x 2,5 cm terminal: 10 x 75,5 x 30 cm insert: 7,9 x 3 cm		**Construction materials:** High elasticity vulcanized rubber product
	Weight: curbstone: 13 kg terminal: 7,8 kg		**External surface treatments:** fully reflective painted

accessories

Code: 199000070

Code: 199000022

Code: 199000050

technical datasheet

Code	Description
199000022	Kit M14 x 240 mm threaded rod
199000051	5 kg cement mortar
199000070	HBR 12 x 140 fixing screws

Code	Description	Pallet
107610133	Curbstone 10 cm yellow	50 pcs
108610192	Curbstone 10 cm yellow terminal	50 pcs
112030335	Everflex h 30 cm for curbstone	300 pcs

Rubber Car Stop

Description:
It delimits parking area and parkings, protecting walls and vehicles from the hurts.

Strengths:
Resistant to the hurts, to the weathering, it has a good visibility during the night because of the yellow inserts. It does not damage the vehicles.

	Dimensions (H / L / W): 8 x 35 x 11 cm 8 x 70 x 11 cm		**Construction materials:** High elasticity vulcanized rubber product
	Weight: 35 cm: 1,80 kg 70 cm: 3,50 kg		**External surface treatments:** application of yellow reflective inserts

accessories

Code: 199000057

technical datasheet

Code	Description
199000057	HBR 10 x 120 fixing screws

Code	Description	Pallet
115370112	Car Stop 8 x 35 cm	100 pcs
115370111	Car Stop 8 x 70 cm	100 pcs

Rubber Angles Protector

Description:
The protector is applied on the parking edges in order to protect the vehicles by accidental impacts the installation is made using 6 screws.

Strengths:
High elasticity rubber product, resistant to the hurts and to the weathering, good visibility and easy installation.

accessories

Code: 199000057

technical datasheet

	Dimensions: 80x12,8x8 cm		**Construction materials:** SBR Rubber
	Weight: 2,2 kg		**External surface treatments:** application of yellow reflective inserts

Code	Description
121100001	Rubber angles protector h 80 cm

Parking Stop

Lockable

Description:
Folding bollard designed to prevent unauthorized parking of vehicles in private areas.

Strengths:
Lockable in vertical position. Fixing to the ground using fixing screws.

accessories

Code: 909002058

technical datasheet

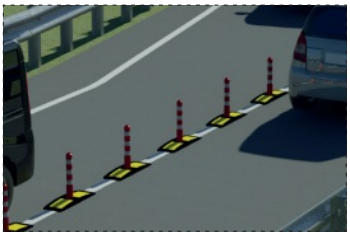
	Dimensions (H / L / W): h 43,5 x 57 x 16 cm telescopic pole: 50 x 2 x 4,4 cm		**Construction materials:** iron pipe Ø 40 mm; flat iron thickness 4 mm; tubular 3x2 and 2,5x1,5 cm
	Peso: 3,1 kg telescopic pole: 1 kg		**External surface treatments:** powder coating of red color

Code	Description
909002047	Red painted parking stop lockable
909002058	Red painted telescopic pole

Rubber Curbifix

Description:
The device is used to delimit lanes, reserved traffic areas, working zones and to delimit urban and suburban lanes.

Strengths:
Modular, elastic and resistant to the crushing, highly visible thanks to the reflective bands.



	Dimensions: convex base: h 5 x 29 x 90 cm everflex h 60 cm: h 65 cm cylindrical part Ø 7,5 - Ø 8,5 lower base Ø 11,5 cm *everflex h 30 cm: h 36 cm* *cylindrical part Ø 7,5* *lower base Ø 11,5 cm*		**External surface treatments:** base: application of n°2 elastoplastic yellow reflective inserts everflex: application of n°2 white/red high intensity grade tape, red painting
	Weight: curbifix h 60 cm: 12,5 kg *curbifix h 30 cm: 12 kg*		**Construction materials:** SRB rubber

accessories

Code: 199000057

technical datasheet

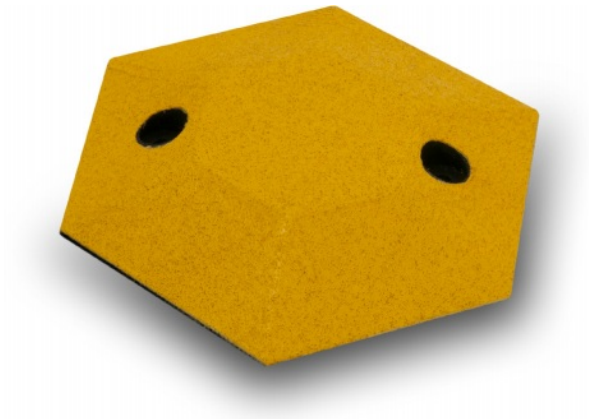
Code	Description
199000057	HBR 10 x 120 fixing screws

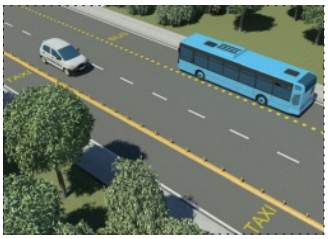
Code	Description
117060721	Rubber curbifix with h 60 cm fully reflective high intensity grade everflex
117030321	Rubber curbifix with h 30 cm high intensity grade everflex

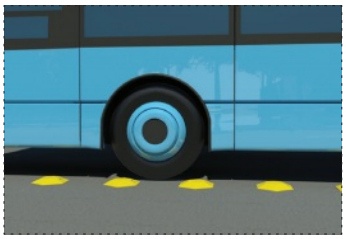
Rubber Speed Stop

Description:
They are used to show parking areas, to delimit lanes and in reserved traffic areas, replacing the paking yellow lines.

Strengths:
Non-invasive, resistant to hurts and crushes from vehicles.







	Dimensions (H / L / W): 3 x 25 x 25 cm		**Construction materials:** SRB rubber
	Weight: 1 kg		**External surface treatments:** application of elastoplastic yellow reflective inserts

accessories

Code: 199000057

technical datasheet

Code	Description
199000057	HBR 10 x 120 fixing screws

Code	Description
103800001	Rubber speed stop

/S/

Temporary Signs Systems

Over the years, backed up by a long-standing tradition in the temporary signage industry, Sisas has consolidated and improved its expertise by offering products whose technology and quality meet all the needs of road construction sites. Sisas is able to offer customized products that meet the specific needs of its customers by providing technical departments capable of supporting them in the most critical situations dictated by temporary conditions that alter the route traffic normally flows.

Flashing Light “E-One Yellow”

Fresnel Lens

Description:
Yellow flashing light with transparent lens, mono LED, working with one or two batteries. The device is mainly used in suburban and highways working zones and for supplementing normal signals.

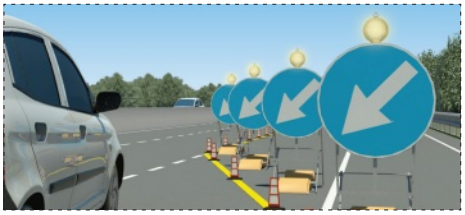
The warning light can be positioned using the triangular connection set on the lens or with a rear bracket. Available in one or two sides lens.

Strenghts:
Because of the innovative Fresnel lens, the device can guarantee an high luminous emission visible even from great distances. Thanks to the only one LED, the device has a very low consumption.

	Certifications: In compliance with UNI EN 12352		**Power supply:** 6 V_{dc}		**On/off switch:** yes
	Light source: 3W yellow led		**Type of battery:** nr. 2 4R25 batteries of: 25 Ah		**Dimensions (H / L / W):** 36,5 x 20 x 9,5 cm
	Light emission: standard / flash / triflash		**Duration:** standard 1000 h		**Weight:** 0,7 Kg
	luminous intensity: Class L8G		**Twilight:** yes		**Lenses:** Fresnel lens

accessories

Code: 202000059



technical datasheet

Code	Description	Pack	Pallet
202000079	E-one yellow with button	12 pcs	24 packs
202000094	E-one yellow with button double sided	12 pcs	24 packs

Flashing Light “E-One Red”

Fresnel Lens

Description:
Red steady light with transparent lens, mono LED, working with one or two batteries. The device is mainly used in suburban and highways working zones and for supplementing normal signals.

The warning light can be positioned using the triangular connection set on the lens or with a rear bracket.

Strenghts:
Because of the innovative Fresnel lens, the device can guarantee an high luminous emission visible even from great distances. Thanks to only one LED, the device has a very low consumption.

	Light source: 3W red led		**Power supply:** 6 V_{dc}		**On/off switch:** yes
	Light emission: red steady light		**Type of battery:** nr. 2 4R25 batteries of: 25 Ah		**Dimensions (H / L / W):** 36,5 x 20 x 9,5 cm
	Luminous intensity: Class L7		**Duration:** 500 h		**Weight:** 0,7 Kg
	Certifications: In compliance with UNI EN 12352		**Twilight:** yes		**Temperature:** -40 °C - +90 °C

accessories

Code: 202000059

technical datasheet

Code	Description	Pack	Pallet
202000081	E-one red with button	12 pcs	24 packs

Flashing Light "EuroFlash Yellow"

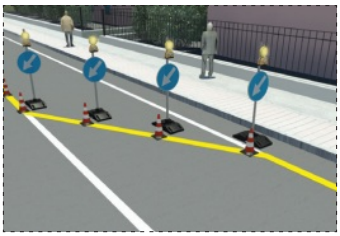
Description:
Yellow flashing light, with one or two batteries, is mainly used in working zones, urban areas and for supplementing normal signals. The warning light can be positioned using the triangular connection set on the lens or with a rear bracket.

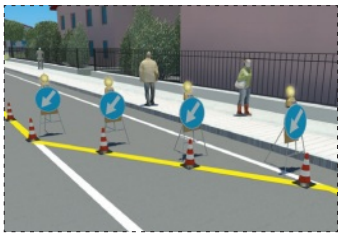
Strengths:
Double-sided optic, low consumption, 360° rotation, internal switch to protect the device from accidental switching, activation is made by a "special key". Practical, and ease to use.

	Light source: 2 leds for each side		**Power supply:** 6 V_{dc}		**On/off switch:** inside
	Light emission: standard yellow flashing light		**Type of battery:** nr. 2 4R25 batteries of: 7 Ah / *25 Ah* / 45 Ah		**Dimensions (H / L / W):** 35,5 x 19,5 x 9,5 cm
	Luminous intensity: 3 cd		**Duration:** 713 h / *2500 h* / 4500 h		**Weight:** 0,55 Kg
	Lenses: yellow lens		**Twilight:** yes		**Temperature:** -15 °C - +85 °C

accessories

Code: 202000059





RoHS 2002/95/EC

technical datasheet

Code	Description	Pack	Pallet
202000026	Euroflash yellow	12 pcs	24 packs

Flashing Light "EuroFlash Red"

Description:
Red steady light, with one or two batteries, is mainly used in working zones, urban areas and for supplementing normal signals. The warning light can be positioned using the triangular connection set on the lens or with a rear bracket.

Strengths:
Double-sided optic, low consumption, 360° rotation, internal switch to protect the device from accidenta l switching, activation is made by a "special key". Practical, and ease to use.

	Light source: 2 leds for each side		**Power supply:** 6 V_{dc}		**On/off switch:** inside
	Light emission: red steady light		**Type of battery:** nr. 2 4R25 batteries of: 7 Ah / *25 Ah* / 45 Ah		**Dimensions (H / L / W):** 35,5 x 19,5 x 9,5 cm
	Luminous intensity: 2 cd		**Duration:** 105 h / *370 h* / 680 h		**Weight:** 0,55 Kg
	Lenses: red lens		**Twilight:** yes		**Temperature:** -15 °C - +85 °C

accessories

Code: 202000059

RoHS 2002/95/EC

technical datasheet

Code	Description	Pack	Pallet
202000023	Euroflash red	12 pcs	24 packs

Flashing Light "One Yellow"

Description:
Yellow flashing light with one battery is mainly used in working zones, urban areas and for supplementing normal signals. The warning light can be positioned using the triangular connection set on the lens or with a rear bracket.

Strengths:
Double-sided optic, low consumption, 360° rotation, internal switch to protect the device from accidental switching, activation is made by a "special key". Practical, and ease to use.

	Light source: 2 leds for each side		**Power supply:** 6 V_{dc}		**On/off switch:** inside
	Light emission: standard yellow flashing light		**Type of battery:** nr. 1 4R25 battery of: 7 Ah / *25 Ah* / 45 Ah		**Dimensions (H / L / W):** 35,5 x 19,5 x 9,5 cm
	Luminous intensity: 3 cd		**Duration:** 358 h / *1280 h* / 2300 h		**Weight:** 0,5 Kg
	Lenses: yellow lens		**Twilight:** yes		**Temperature:** -15 °C - +85 °C

accessories

Code: 202000059

CE RoHS 2002/95/EC

technical datasheet

Code	Description	Pack	Pallet
202000009	One yellow	12 pcs	24 packs

Flashing Light "One Red"

Description:
Red steady light with one battery is mainly used in working zones, urban areas and for supplementing normal signals. The warning light can be positioned using the triangular connection set on the lens and besides it has a rear bracket.

Strengths:
Double-sided optic, low consumption, 360° rotation, internal switch to protect the device from accidental switching, activation is made by a "special key". Practical, and ease to use.

	Light source: 2 leds for each side		**Power supply:** 6 V_{dc}		**On/off switch:** inside
	Light emission: red steady light		**Type of battery:** nr. 1 4R25 battery of: 7 Ah / *25 Ah* / 45 Ah		**Dimensions (H / L / W):** 35,5 x 19,5 x 9,5 cm
	Luminous intensity: 2 cd		**Duration:** 53 h / *190 h* / 340 h		**Weight:** 0,5 Kg
	Lenses: red lens		**Twilight:** yes		**Temperature:** -15 °C - +85 °C

accessories

Code: 202000059

CE RoHS 2002/95/EC

technical datasheet

Code	Description	Pack	Pallet
202000007	One red	12 pcs	24 packs

Battery 6V 7 Ah

Description:
It is used to feed the working zones flashing lights, non-rechargeable.

Strengths:
Ecological, no maintenance, ready to use, safe and easy use.

technical datasheet

dimensions (H / L / W): 9,8 x 6,7 x 6,7 cm

Weight: 0,5 kg

Code	Description	Pack	Pallet
200300016	6V 7Ah battery	24 pcs	66 packs

Battery 6V 25 Ah

Description:
It is used to feed the working zones flashing lights, non-rechargeable.

Strengths:
No maintenance, ready to use, safe and easy use.

technical datasheet

dimensions (H / L / W): 9,8 x 6,7 x 6,7 cm

Weight: 0,65 kg

Code	Description	Pack	Pallet
200300022	6V 25Ah battery	24 pcs	66 packs

Battery 6V 45 Ah

Description:
It is used to feed the working zones flashing lights, non-rechargeable, alkaline.

Strengths:
No maintenance, ready to use, safe and easy use.

technical datasheet

dimensions (H / L / W): 9,8 x 6,7 x 6,7 cm

Weight: 0,8 kg

Code	Description	Pack	Pallet
200300038	6V 45Ah battery	12 pcs	112 packs

Rechargeable Battery 12V 100Ah

Description:
It is used to power electronic and electromechanical devices such as: LED traffic light, sequential systems, flag movers.

Strengths:
High reliability, rechargeable model.

technical datasheet

dimensions (H / L / W):	Weight:
20 x 31 x 19 cm	21,2 kg

Code	Description
200300011	Rechargeable battery 12V 100 Ah

Rechargeable Battery 12V 180Ah

Description:
It is used to power electronic and electromechanical devices such as: LED traffic light, sequential systems and trailers.

Strengths:
High reliability, rechargeable model.

technical datasheet

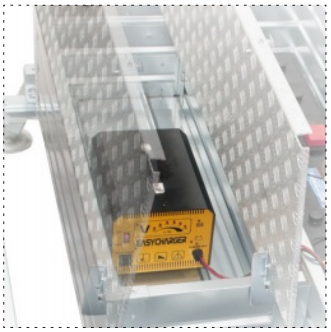
dimensions (H / L / W):	Weight:
23 x 50 x 22 cm	43 kg

Code	Description
200300001	Rechargeable battery 12V 180 Ah

Battery Charger for Trailer

Description:
It is used to recharge batteries of 100 Ah or 180 Ah.

Strengths:
High reliability, fast recharge.



RoHS 2002/95/EC

technical datasheet

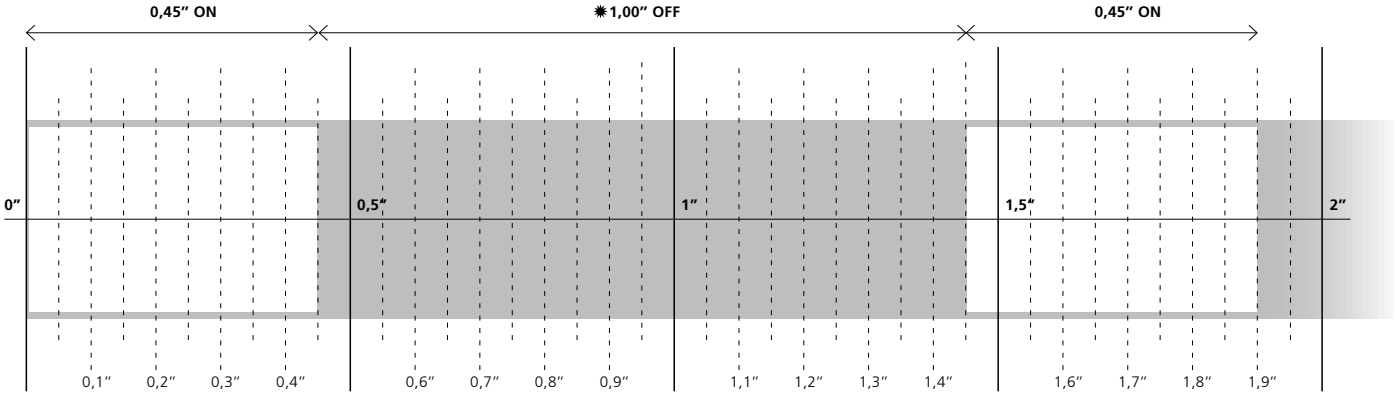
dimensions (H / L / W):	Weight:
20 x 24 x 35 cm	12,2 kg

Code	Description
200400010	Battery recharger for trailer

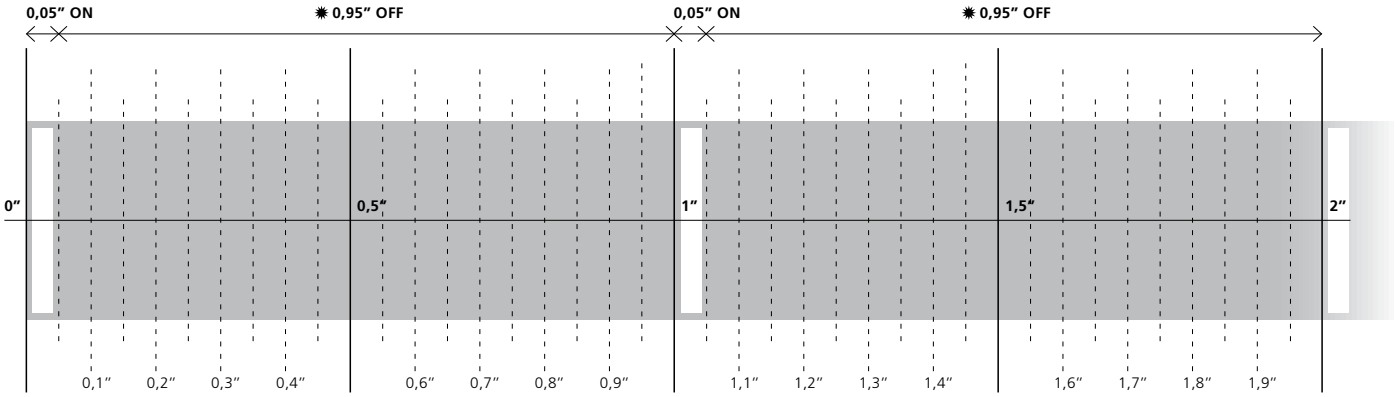
Led Optics Flashing Modes

Graphical representation of the 3 kind of flashing modes available for the three sizes of Led optics included in the catalogue.

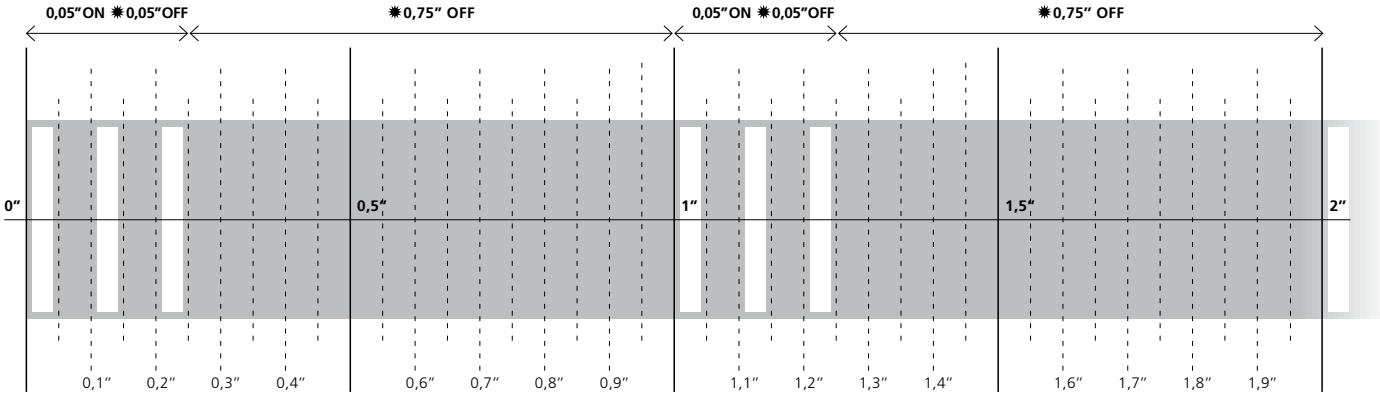
Standard flashing mode



Flash mode (⅓ of consumption of tri-flash mode)



Tri-flash flashing mode



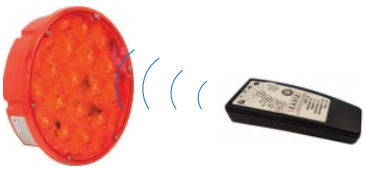
All our range of Led optics are in compliance with
European Standard UNI EN 12352

Led Optic Size

300 mm
200 mm
100 mm

Flashing Light
“Led optic DS200 mm Fresnel with Amber Lens”

Protection Grade **IP 65/67**



Description:
New and improved Fresnel Led light with **amber lens** for application in work zones, highway, railway. The light is in compliance with UNI EN12352 Class L8H.
Designed and manufactured in Europe by the companies of Sisas group. It is made by an innovative PMMA optical assembly consisting of a series of amber Fresnel lenses that can deflect and diffuse the light to obtain an efficient light output with a reduced number of LEDs.

Strengths:
The 19 power white LEDs permit to reach the L8H class of brightness without resorting the use of traditional lamps, so that we can have a reducing power consumption and longer life.
Fully programmable by remote control (optional) it offers the possibility to change flashing modes and adjust the brightness in relation to ambient light without any electronic modification and to have a wide range of versions in a single product.
The body of only 5.8 cm is made of impact-resistant weather-resistant, with anti-UV material. Thanks to its compact size, it can be used for a wide range of applications (mounted on structures, panels, in road signs) or with the special bracket on poles, cones, W/R panels for sequential system. Silicon o-ring to ensure a perfect IP protection.

RoHS 2002/95/EC

technical datasheet

UNI	**Certifications:** in compliance with UNI EN 12352		**Light source:** 19 SMD Led		**Type of Batteries:** 18Ah / 40Ah /100Ah / 180Ah		**Consumption:** Average 192mA Pick 740mA
	Luminous intensity: Class L8H		**Power supply:** from 8 to 30 V_{cc}		**Duration:** standard flash mode 93h / 208h / 520h / 937h *tri-flash mode* *280h / 625h / 1562h / 2812h*		**Dimensions:** 21,9 x 21,9 x 5,8 cm **Weight:** 0,630 Kg (with 1 meter cable)
	Light emission: yellow flashing (amber)		**Twilight:** on request		**Photovoltaic kit:** 50 W		**Temperature:** -20 °C - +85 °C

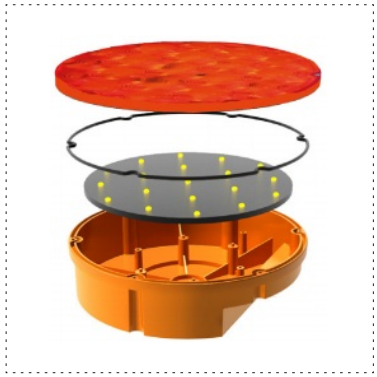
Code	Description
201900515	Amber led optic DS200 mm Fresnel
201900540	Master Amber led optic DS200
201900541	Single flashing light DS200 tri-flash mode
201900553	Double warning light amber DS200 synchronous mode
909080009	Rear bracket

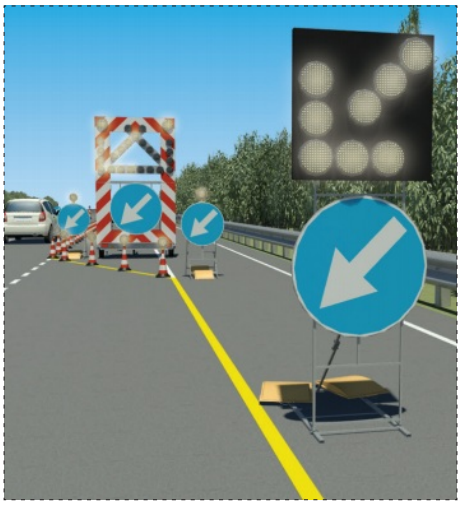
Kit for Warning Trailer

Description:
It is composed of 25 LED lenses and a control unit. The device can be used on any type of structure thanks to the ease of assembly of the lenses.

Strengths:
Possibility to personalize the kit according to different norms, reliability warranty of the unit and high luminosity LED lenses. Practical to assembly, reduced size.

UNI	**Certifications:** in compliance with UNI EN 12352		**Power supply:** 12 V_{dc}		**On/off switch:** outside
	Light source: nr. 23 of 200 mm optics + nr. 2 of 300 mm optics		**Type of battery:** 180 Ah		**Dimensions (H / L / W):** 60 x 40 x 48 cm
	Light emission: yellow (amber)		**Consumption:** minimum 25 mA maximum 16,5 A	Kg	**Weight:** 15,2 kg
	Luminous intensity: 200 mm Class L8H 300 mm Class L9M		**Luminous intensity regulation:** variable intensity depending on ambient light		**Temperature:** -15 °C - +85 °C





technical datasheet

RoHS 2002/95/EC

Code	Description
204200252	Kit for warning trailer 23 led lights ds200 2 led lights 300 mm

Flashing Light
“Bi-Color Led Light diameter 200 mm”

In One **Light** Two **Colors** available

Description:

New special model 200 mm led light projected and designed for specific application of luminous signalization in work zones. In the same lamp the possibility to choose the red light for prohibition or amber light for warning. The luminous source is made by 120 amber leds and 120 red leds with transparent lens. It is possible to have 2 models with or without orange housing according to the specific application. The flat model can be applied in any type of surface, steady support or mobile with 3 simple fixing screws.

Strengths:

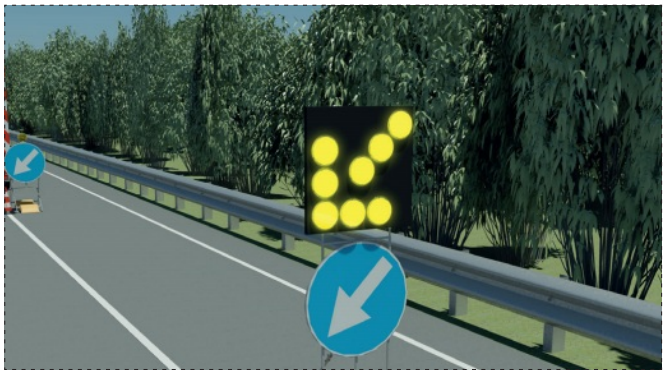
Using a remote control from the master light you can choose the light colour, the flashing mode and if you have a master and slave light also the mode: synchro or alternate.

The reducing thickness permits to the light to be mounted in any surface and the presence of 120 leds for each colour guarantee the maximum efficiency all in one light.

CE RoHS 2002/95/EC

technical datasheet

UNI	In compliance with UNI EN 12352		**Light source:** 240 Led 120 amber Led / 120 red Led		**Type of Batteries:** 18Ah / 40Ah /100Ah / 180Ah		**Consumption (amber flashing mode):** Average 163mA Pick 880mA **Consumption (red steady mode):** Average 370mA Pick 720mA
	Luminous intensity: Class L8H		**Photovoltaic kit:** 50 W		**Duration (amber flashing mode):** standard flash mode 55h / 120h / 310h / 570h *tri-flash mode* *110h / 250h / 630h / 1100h* **Duration (red steady mode):** steady mode 148h / 108h / 270h / 480h		**Dimensions:** 21,9 x 21,9 x 5,8 cm **Weight:** 0,630 Kg (with 1 meter cable)
	Light emission: yellow flashing (amber), red steady		**Twilight:** on request				**Temperature:** -20 °C - +85 °C



Code	Description
201900525	Master light 200 mm bicolor
201900524	Slave light 200 mm bicolor

Flashing Light
“Led optic diameter 100 mm”

Description:
They can be applied in any type of surface, steady or mobile support with 3 simple fixing screws. Mainly used to signal important situations or to signal the presence of working zones.

Strengths:
The device guarantees an high brightness with a reduced thickness and size. Easy to install and to remove on the different supports. The presence of 32 LEDs guarantee the maximum efficiency.

flashing light

UNI	**Certifications:** in compliance with UNI EN 12352		**Luminous intensity:** Class L2H		**Type of Batteries:** 18Ah / 40Ah /100Ah / 180Ah		**Dimensions (H / L / W):** 14 x 14 x 3 cm
	Light source: nr. 32 high intensity led		**Power supply:** 12 / 24 V_{dc}		**Duration:** standard flash mode 250h / 550h / 1300h / 2450h *tri-flash mode* *500h / 1100h / 2700h / 4800h*	Kg	**Weight:** 0,2 Kg
	Light emission: yellow (amber)		**Twilight:** on request		**Photovoltaic kit:** 20 W		**Temperature:** -15 °C - +85 °C

slave light - steady light

UNI	**Certifications:** in compliance with UNI EN 12352		**Luminous intensity:** Class L2H		**Consumption:** 200 mA		**Dimensions (H / L / W):** 14 x 14 x 3 cm
	Light source: nr. 32 high intensity led		**Power supply:** 12 V_{dc}		**On/off switch:** absent	Kg	**Weight:** 0,2 Kg
	Light emission: steady Yellow (amber)		**Type connection to the battery:** with 1mm² cable		**Twilight:** absent		**Temperature:** -15 °C - +85 °C

technical datasheet

RoHS 2002/95/EC

Code	Description
201900119	Standard Flashing light 100 mm single
201900307	Triflash Flashing light 100 mm single
201900211	Slave light 100 mm single
201900144	Steady light 100 mm single

Flashing Light
“Double Led optics diameter 100 mm”

Flashing light synchronous - Flashing light alternate

Description:
They can be applied in any type of surface, steady or mobile support with 3 simple fixing screws. Mainly used to signal important situations or the presence of working zones.

Strengths:
The device guarantees an high brightness with a reduced thickness and size. Easy to install and to remove on the different supports. The presence of 32 LEDs guarantee the maximum efficiency.

Possible application available

	Certifications: In compliance with UNI EN 12352		**Power supply:** 12 / 24 V_{dc}		**Twilight:** twilight on request
	Light source: two optics with 32 high intensity leds		**Type of Batteries:** 18Ah/40Ah/100Ah/180Ah		**Photovoltaic kit:** 20W
	Light emission: yellow (amber)		**Duration (synchronous):** standard flash mode 120h / 270h / 680h / 1200h; *tri-flash mode 250h / 550h / 1300h / 2450h*		**Dimensions (H / L / W):** with cables included 14 x 14 x 10 cm
	Luminous intensity: Class L2H		**Duration (alternate):** standard flash mode 75h / 160h / 410h / 750h; *tri-flash mode 250h / 550h / 1300h / 2450h*		**Weight:** 0,85 Kg

Code	Description
201900122	100 mm double flashing light synchronous
201900125	100 mm double flashing light alternate

RoHS 2002/95/EC

technical datasheet

Flashing Light
“Kit of 3 Led lights 100 mm for sign”

Description:
The kit with 3 LEDs lenses can be applied on signals near working zones in order to warn the driver of a presence of works.

Strengths:
Easy to install on existing road signs. The device guarantees an high brightness with a reduced thickness and size.

Easy to install and to remove on the different supports. The presence of 32 LEDs guarantee the maximum efficiency.

	Certifications: in compliance with UNI EN 12352		**Power supply:** 12 / 24 V_{dc}		**Switch on/off:** absent
	Light source: three optics with 32 high intensity leds		**Type of Batteries:** 18Ah / 40Ah / 100Ah / 180Ah		**Dimensions (H / L / W):** with cables included 20 x 20 x 20 cm
	Light emission: yellow (amber)		**Duration:** 120h / 270h / 680h / 1230h		**Weight:** 1 Kg
	Luminous intensity: Class L2H		**Twilight:** on request		**Temperature:** -15 °C - +85 °C

spare parts

Code: 201200100

Code	Description
201200095	Power supply set with batteries

Code	Description
201900142	Kit of 3 led lights 100 mm for sign with control unit
201900542	Kit one master and two slave lights 100 mm (without control unit)

RoHS 2002/95/EC

technical datasheet

Flashing Light
“Led optic diameter 200 mm”

Description:
They can be applied in any type of surface, steady support or mobile with 3 simple fixing screws. Mainly used to signal important situations or the presence of working zones.

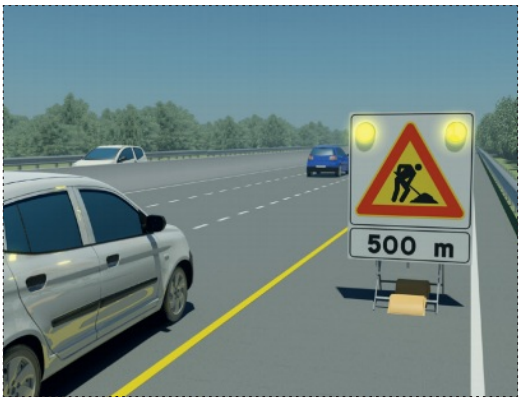
Strengths:
The device guarantees high brightness with a reduced thickness and size. Easy to install and to remove on the different supports. The presence of 120 LEDs guarantee the maximum efficiency.

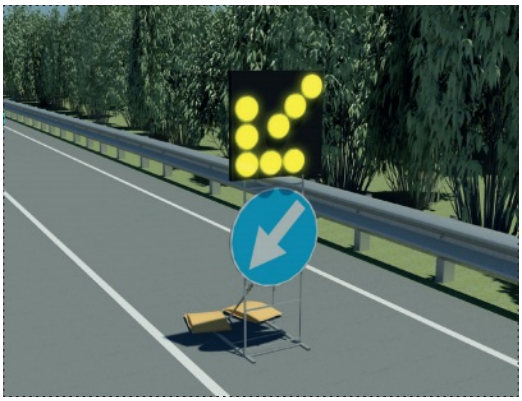
flashing light

UNI	**Certifications:** in compliance with UNI EN 12352		**Luminous intensity:** Class L8H		**Type of Batteries:** 18Ah / 40Ah / 100Ah / 180Ah		**Dimensions (H / L / W):** 23 x 23 x 4 cm
	Light source: nr. 120 high intensity leds		**Power supply:** 12 / 24 V_{dc}		**Duration:** standard flash mode 55h / 120h / 310h / 570h *tri-flash mode 110h / 250h / 630h / 1100h*		**Weight:** 0,85 Kg
	Light emission: Yellow (amber)		**Twilight:** on request		**Photovoltaic kit:** 50 W		**Temperature:** -15 °C - +85 °C

slave light - steady light

UNI	**Certifications:** in compliance with UNI EN 12352		**Luminous intensity:** Class L8H		**Consumption:** 900 mA		**Dimensions (H / L / W):** 23 x 23 x 4 cm
	Light source: nr. 120 high intensity leds		**Power supply:** 12 V_{dc}		**Twilight:** absent		**Weight:** 0,85 Kg
	Light emission: steady Yellow (amber)		**Type connection to the battery:** with 1mm² cable		**On/off switch:** absent		**Temperature:** -15 °C - +85 °C





technical datasheet

RoHS 2002/95/EC

Code	Description
201900120	Standard Flashing light 200 mm single
201900308	Triflash Flashing light 200 mm single
201900180	Slave light 200 mm single
201900117	Steady light 200 mm single

Flashing Light
“Led optic diameter 230 mm”

with case in moplen

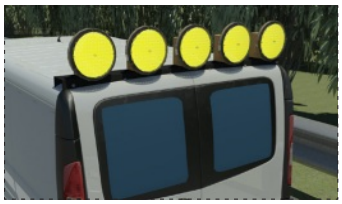
Description:
They are used with rear bracket for fixing it on poles. Mainly used to signal important situations or to signaling the presence of working zones.

Strengths:
The device guarantees high brightness. Easy to install and to remove on the different supports. The presence of 120 LEDs guarantee the maximum efficiency.

	Certifications: in compliance with UNI EN 12352		**Power supply:** 12 / 24 V_{dc}		**Photovoltaic kit:** 50W
	Light source: nr. 120 high intensity leds		**Type of Batteries:** 18Ah / 40Ah / 100Ah / 180Ah		**Dimensions (H / L / W):** 23 x 23 x 15 cm
	Luminous intensity: Class L8H		**Duration:** standard flash mode 55h / 120h / 310h / 570h *tri-flash mode 110h / 250h / 630h / 1100h*		**Weight:** with cables included 1,1 Kg
	Light emission: yellow (amber)		**Twilight:** on request		**Temperature:** -15 °C - +85 °C

accessories

Code: 201900193



technical datasheet

Code	Description
201900128	Flashing light single 230 mm without cap - case in moplen
201900129	Flashing light single 230 mm with cap - case in moplen

Flashing Light
“Double Led optics diameter 200 mm”

Flashing light synchronous - Flashing light alternate

Description:
They can be applied in any type of surface, steady support or mobile with 3 simple fixing screws. Mainly used to signal important situations or the presence of working zones.

Strengths:
The device guarantees high brightness with a reduced thickness and size. Easy to install and to remove on the different supports. The presence of 120 LEDs guarantee the maximum efficiency.

Possible application available

	Certifications: In compliance with UNI EN 12352		**Power supply:** 12 / 24 V_{dc}		**Twilight:** on request
	Light source: two optics with 120 high intensity leds		**Type of Batteries:** 18Ah/40Ah/100Ah/180Ah		**Photovoltaic kit:** standard 110 W tri flash 50 W
	Light emission: yellow (amber)		**Duration (synchronous):** standard flash mode 19h / 40h / 100h / 190h; *tri-flash mode 55h / 120h / 310h / 570h*		**Dimensions (H / L / W):** 23 x 23 x 12 cm
	Luminous intensity: Class L8H		**Duration (alternate):** standard flash mode 15h / 35h / 95h / 165h; *tri-flash mode 50h / 120h / 310h / 565h*		**Weight:** with cables included 1,7 Kg

technical datasheet

Code	Description
201900123	200 mm double flashing light synchronous
201900126	200 mm double flashing light alternate

Flashing Light
“Double Led optics Ø 230 mm”

Flashing light synchronous / Flashing light alternate

Description:
They are used with rear bracket for fixing it on poles. Mainly used to signal important situations or the presence of working zones.

Strengths:
The device guarantees high luminosity. Easy to install and to remove on the different supports. The presence of 120 LEDs guarantee the maximum efficiency.

accessories

Code: 201900193

Synchronous

	Certifications: In compliance with UNI EN 12352		**Power supply:** 12 / 24 V_{dc}		**Photovoltaic kit:** standard 110W/ tri flash 50W
	Light source: two optics with 120 high intensity leds		**Type of Batteries:** 18Ah / 40Ah / 100Ah / 180Ah		**Dimensions (H / L / W):** 23 x 23 x 15 cm
	Luminous intensity: Class L8H		**Duration:** standard flash mode 19h / 40h / 100h / 190h *tri-flash mode 55h / 120h / 310h / 570h*		**Weight:** with cables included 2,2 Kg
	Light emission: yellow (amber)		**Twilight:** on request		**Temperature:** -15 °C - +85 °C

technical datasheet

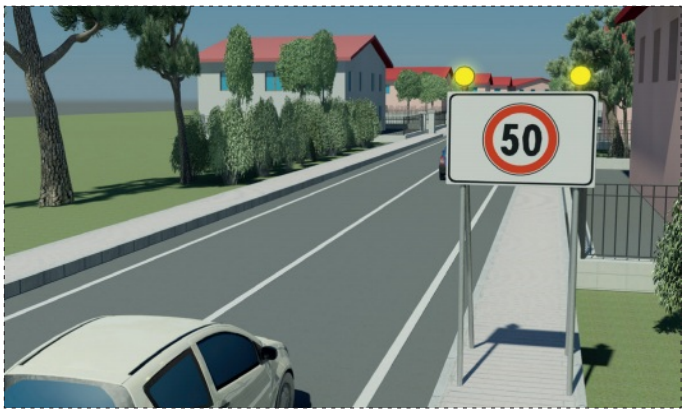
RoHS 2002/95/EC

Alternate

	Certifications: in compliance with UNI EN 12352		**Power supply:** 12 / 24 V_{dc}		**Photovoltaic kit:** standard 110W/ tri flash 50W
	Light source: two optics with 120 high intensity leds		**Type of Batteries:** 18Ah / 40Ah / 100Ah / 180Ah		**Dimensions (H / L / W):** 23 x 23 x 15 cm
	Luminous intensity: Class L8H		**Duration:** standard flash mode 15h / 35h / 95h / 165h *tri-flash mode 50h / 120h / 310h / 565h*		**Weight:** with cables included 2,2 Kg
	Light emission: yellow (amber)		**Twilight:** on request		**Temperature:** -15 °C - +85 °C

technical datasheet

RoHS 2002/95/EC



Code	Description
201900131	230 mm double flashing light synchronous without cap - case in moplen
201900132	230 mm double flashing light synchronous with cap - case in moplen
201900134	230 mm double flashing light alternate without cap - case in moplen
201900135	230 mm double flashing light alternate with cap - case in moplen

Flashing Light
"Double Led optics Ø 300 and Ø 340 mm"

without moplen case / with moplen case

Description:
They can be applied in any type of surface, steady support or mobile with 4 simple fixing screws. Mainly used to signal important situations or the presence of working zones.

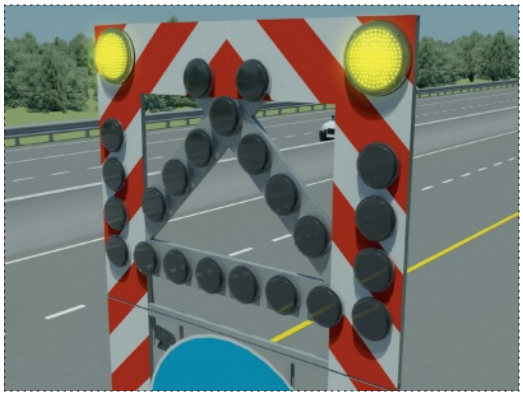
Strengths:
The device guarantees an high brightness with a reduced thickness and size. Easy to install and to remove on the different supports. The presence of 232 LEDs guarantee the maximum efficiency.

flashing light

UNI	**Certifications:** In compliance with UNI EN 12352		**Luminous intensity:** Class L9M		**Type of Batteries:** 18Ah / 40Ah / 100Ah / 180Ah		**Dimensions (H / L / W):** 34 x 34 x 4,5 cm 34 x 34 x 22 cm (with moplen case)
	Light source: nr. 232 high intensity leds		**Power supply:** 12 / 24 V_{dc}		**Duration:** standard flash mode 35h / 85h / 210h / 380h *tri-flash mode 75h / 170h / 430h / 770h*		**Weight:** 1,55 Kg 3,5 kg (with moplen case)
	Light emission: Yellow (amber)		**Twilight:** on request		**Photovoltaic kit:** 50 W		**Temperature:** -15 °C - +85 °C

slave light - steady light

UNI	**Certifications:** In compliance with UNI EN 12352		**Luminous intensity:** Class L9M		**Cons umption:** 1350 mA		**Dimensions (H / L / W):** 34 x 34 x 4,5 cm
	Light source: nr. 232 high intensity leds		**Power supply:** 12 V_{dc}		**Twilight:** absent		**Weight:** 1,55 Kg
	Light emission: steady Yellow (amber)		**Type connection to the battery:** with 1 mm² cable		**On/off switch:** absent		**Temperature:** -15 °C - +85 °C



technical datasheet Code: 201900389

technical datasheet Code: 201900121

RoHS 2002/95/EC

Code	Description
201900121	Standard Flashing light 300 mm single
201900310	Triflash Flashing light 300 mm single
201900346	Slave light 300 mm single
201900130	Flashing light single 340 mm - case in moplen
201900389	Slave light 300 mm - with reduced case

Flashing Light
“Double Led optics Ø 300 and Ø 340 mm”

Flashing light synchronous / Flashing light alternate

Description:
They can be applied in any type of surface, steady support or mobile with 4 simple fixing screws. Mainly used to signal important situations or the presence of working zones, using the case the application is on poles.

Strengths:
The device guarantees an high brightness with a reduced thickness and size without the case. Easy to install and to remove on the different supports. The presence of 232 LEDs guarantee the maximum efficiency.

accessories

Code: 203300005

Synchronous

	Certifications: In compliance with UNI EN 12352		**Power supply:** 12 / 24 V_{dc}		**Photovoltaic kit:** standard 150W / tri-flash 50W
	Light source: two optics with 232 high intensity leds		**Type of Batteries:** 18Ah / 40Ah / 100Ah / 180Ah		**Dimensions (H / L / W):** with cables included 34 x 34 x 4,5 cm 34 x 34 x 22 cm (with moplen case)
	Luminous intensity: Class L9M		**Duration:** standard flash mode 15h / 40h / 100h / 190h *tri-flash mode 35h / 85h / 210h / 380h*		**Weight:** with cables included 3,1 Kg 6,9 kg (with moplen case)
	Light emission: yellow (amber)		**Twilight:** on request		**Temperature:** -15 °C - +85 °C

technical datasheet

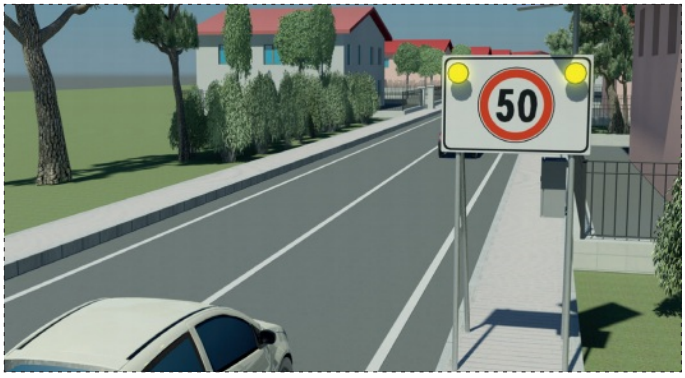
RoHS 2002/95/EC

Alternate

	Certifications: in compliance with UNI EN 12352		**Power supply:** 12 / 24 V_{dc}		**Photovoltaic kit:** standard 110W / tri-flash 50W
	Light source: two optics with 232 high intensity leds		**Type of Batteries:** 18Ah / 40Ah / 100Ah / 180Ah		**Dimensions (H / L / W):** with cables included 34 x 34 x 4,5 cm 34 x 34 x 22 cm (with moplen case)
	Luminous intensity: Class L9M		**Duration:** standard flash mode 10h / 22h / 60h / 110h *tri-flash mode 35h / 85h / 210h / 380h*		**Weight:** with cables included 3,1 Kg 6,9 kg (with moplen case)
	Light emission: yellow (amber)		**Twilight:** on request		**Temperature:** -15 °C - +85 °C

technical datasheet

RoHS 2002/95/EC

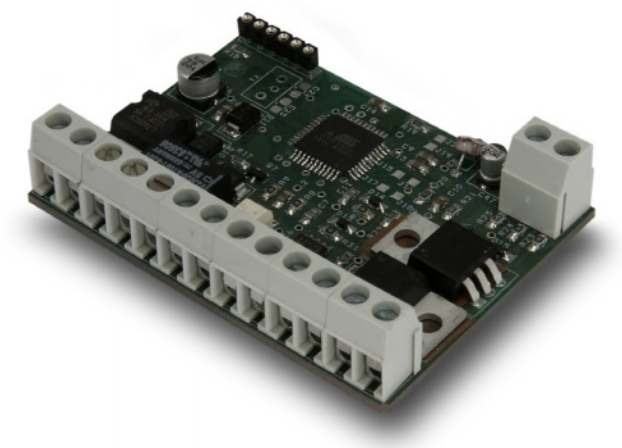


Code	Description
201900124	300 mm double flashing light synchronous
201900133	340 mm double flashing light synchronous with cap - case in moplen
201900127	300 mm double flashing light alternate
201900136	340 mm double flashing light alternate with cap - case in moplen

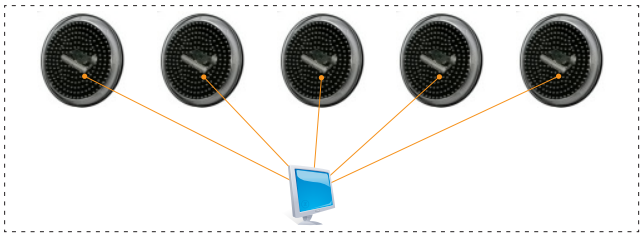
LM Check

Description:
LEDs optics control card that calculating the level of absorption of the optics can determine anomalies on the led without the direct control of the operator. Especially useful in difficult areas such as: in the galleries and in isolated streets.

Strengths:
Possibility of remote control of the lamp, very useful when is not possible to send personnel to check the working of the luminous systems.



	Power supply: 12 V_{dc}		**Transmission interface:** RS485
	Consumption: 20 mA		**Dimensions (H / L / W):** 5 x 6,7 x 1,7 cm
	Twilight: no		**Weight:** 0,5 Kg



technical datasheet

Code	Description
204500174	LM Check

Remote Control for Led optics

Description:
It allows to program the LEDs flashing lights deciding the type of flashing, the synchronization (between master and slave) to use. It also permit to choose the twilight or the backlight function.

Strengths:
Minimize of the inventory. Availability to program by your self the optics according to the specific need.

	Power supply: 9 V_{dc}		**Dimensions (H / L / W):** 14 x 6 x 3 cm
	Type of Batteries: nr. 1 / 6LR61		**Weight:** 0,1 Kg
	On/off switch: outside		**Temperature:** -15 °C - +85 °C

technical datasheet

Code	Description
204500191	Remote control for led optics

Led Traffic Light

French Model

Description:
The traffic light has been developed following the French regulation, with the control unit integrated in the yellow optic.
Remote control to set up the system.
The device is composed of two mobile foldable trolleys with Led lanterns, it is mainly used in working zones in urban or suburban areas.
Out of the city center the device can be preceded by the warning signal "traffic light" with yellow flashing light. The configurations can be set up with the remote control.

Strengths:
Practical to use, easy to set up, reliable, automatic luminous intensity regulation, high brightness and low consumption thanks to the led optics. The use of visors (as the French regulation demands) avoid the phantom effect.
The foldable model can guarantee a reduced size during the carrying phases.
New wheels and adjustable pole that give to the device a greater strenght.

	Units number: two		**Times:** according to the French standard		**Alarms:** lamps, battery		**Dimensions (H / L / W):** box 70x80x50 cm
	Luminous intensity regulation: variable intensity depending on ambient light		**Power supply:** 12 V_{dc}		**Autonomy:** (with battery of 100Ah) 6,25 days (150 hours)		**Weight:** 46 Kg
	Light source: led lantern		**Connection type:** quartz syncronization		**Maximum distance:** accordong to the French standard		**Temperature:** -20 °C - +70 °C

technical datasheet

RoHS 2002/95/EC

spare parts

Code: 205000098

Code: 201900192

Code: 200500077

Code: 204500229

Code: 200200012

Code: 200300011

Code	Description
205000098	trolley
201900192	lantern
204500229	remote control
200200012	12V 3,0Ah 230VAC power supply feeder
200300011	100 Ah battery
200500077	power supply cable

Code	Description	Pack	Pallet
205000103	Led traffic light (French model)	1 couple	3 couples

Led Traffic Light

Description:
The device is composed of two mobile foldable trolleys with traffic lights, it is mainly used in working zones in urban or suburban areas.
Out of the city center the device can be preceded by the warning signal "traffic light" with yellow flashing light.

Strengths:
Practical to use, the foldable model can guarantee a reduced size during the carrying phases. The LED lenses guarantee high brightness with low consumption and allows to use one battery of 100 Ah. The light is automatically regulated in order to improve the visibility during the night.
New wheels and adjustable pole that give to the device a greater strenght.

	Units number: two		**Times:** 1 - 99 sec 5 - 495 sec		**Alarms:** lamps, battery		**Dimensions (H / L / W):** box 70x80x50 cm
	Luminous intensity regulation: variable intensity depending on ambient light		**Power supply:** 12 V_{dc}		**Autonomy:** (with battery of 100Ah) 6,25 days (150 hours)		**Weight:** 46 Kg
	Light source: led lantern		**Connection type:** quartz syncronization with cables		**Maximum distance:** depending on travel time		**Temperature:** -20 °C - +70 °C

technical datasheet

RoHS 2002/95/EC

spare parts

Code: 205000098

Code: 201900192

Code: 200600077

Code: 200200012

Code: 200300011

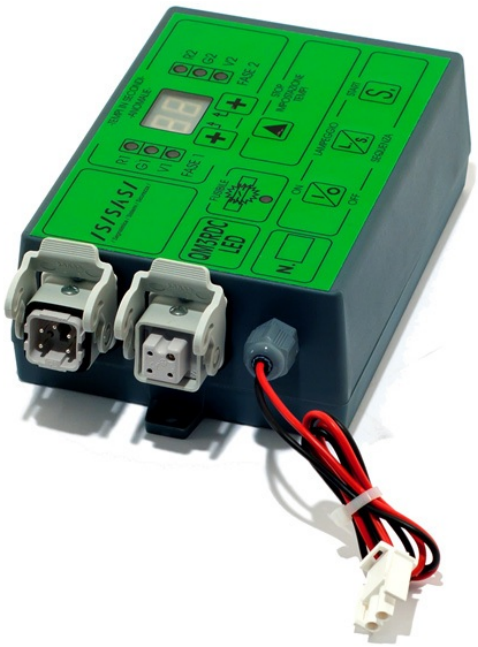
Code: 200500077

Code: 201900162
Code: 201900167
Code: 201900180

Code	Description
205000098	trolley
201900192	lantern
200600077	led traffic light control unit single
200200012	12V 3,0Ah 230VAC power supply feeder
200300011	100 Ah battery
200500077	power supply cable
201900167	green led light
201900180	amber led light
201900162	red led light

Code	Description	Pack	Pallet
205000069	Led traffic light	1 couple	3 couples

QM3NFC Control Unit

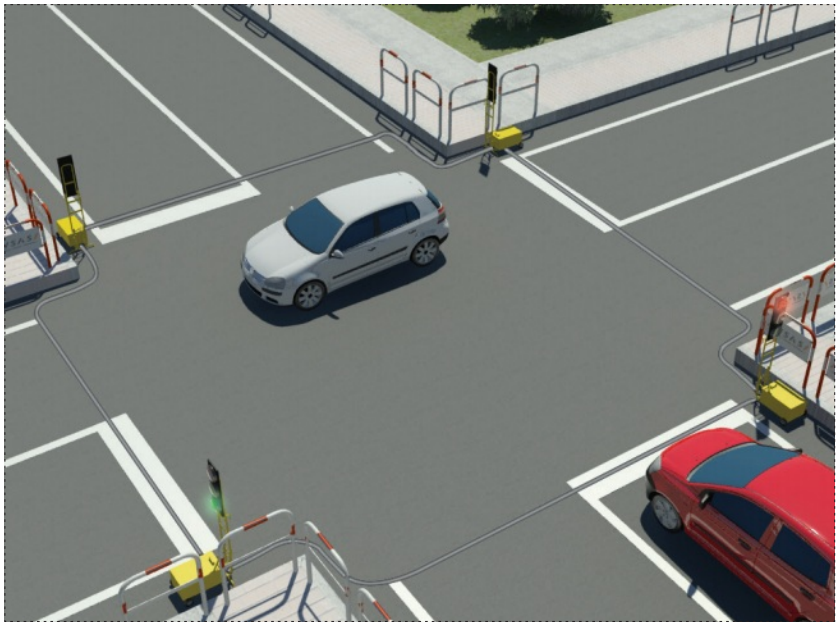


Description:
QM3**NFC** is the control unit realized for our led traffic lights. It is produced to work in couple and with the **new NFC application** it is possible to **program** your led traffic light **with your Android smartphone**.
The control unit is composed by a display with 7 digits where you can set up the time, there is a connection cable to the battery and 6 leds for the simulation of phase I and phase II of the two traffic lights.
There are 6 buttons that can be used to set up: time/start/On/Off/ Flashing mode.
It can be used with led lights or with the traditional lights with 12 V Max 25W bulb, with or without cables of connection.

Strengths:
Easy to use, very reliable, it has a very low consumption. The control unit makes a systematic control of the lights consumption so it is possible to verify if there is any problem in the system due to a problem in the power supply and in this case the yellow light will start flashing. The control units re-synchronize themselves even if there has been a long duration of inactivity due to a lack of power supply, so you do not need to re-synchronize them.

	Max phases: two		**Times:** 1 - 999 sec		**Alarms:** Lamp, battery , communication
	Light source: led or traditional lantern		**Power supply:** 12 V_{dc}		**Autonomy:** (100 Ah battery) 7 days
	Dimensions (H / L / W): 8,4 x 17,5 x 12,5 cm		**Weight:** 0,390 Kg		**Temperature:** -15 °C - +85 °C

technical datasheet



Code	Description
200600088	QM3NFC control unit single

Led Traffic Light "Count Down"

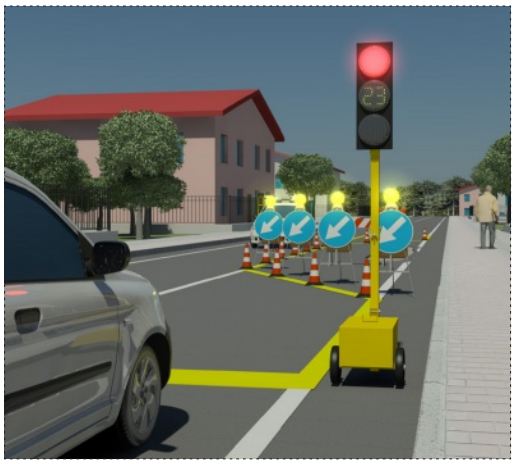
Description:

The device is composed of two mobile foldable trolleys with traffic lights, it is mainly used in working zones in urban or suburban areas.
Out of the city center the device can be preceded by the warning signal "traffic light" with yellow flashing light.

Strengths:

Practical to use, the foldable model can guarantee a reduced size during the carrying phases. The LED lenses guarantee high brightness with low consumption and allows to use one battery of 100 Ah. The light is automatically regulated in order to improve the visibility during the night.
New wheels and adjustable pole that give to the device a greater strenght.

	Units number: two		**Type of Batteries:** batteries network		**On/off switch:** internal		**Dimensions (H / L / W):** box 70 x 50 x 80 cm
	Luminous intensity regulation: variable intensity depending on ambient light		**Power supply:** 12 V_{dc}		**Consumption:** avarage 1,1A max 1,6A		**Weight:** 46 Kg
	Light source: led lantern (yellow 2 ciphers)		**Connection type:** quartz syncronization with cables		**Maximum distance:** depending on travel time		**Temperature:** -20 °C - +70 °C



technical datasheet

RoHS 2002/95/EC

spare parts

Code: 205000098

Code: 205000096

Code: 200500077

Code: 200600077

Code: 200200012

Code: 200300011

Code	Description
205000098	trolley
205000096	lantern with count down
200600077	led traffic light control unit single
200200012	12V 3,0Ah 230VAC power supply feeder
200300011	100 Ah battery
200500077	power supply cable

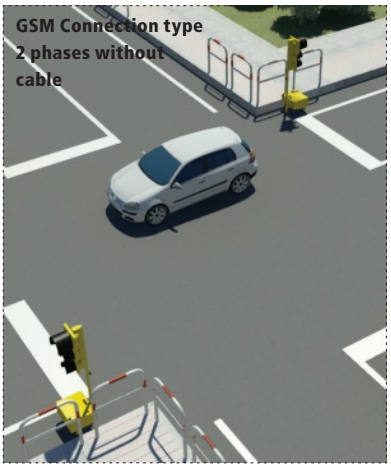
Code	Description	Pack	Pallet
205000095	Led traffic light - Count Down	1 couple	3 couples

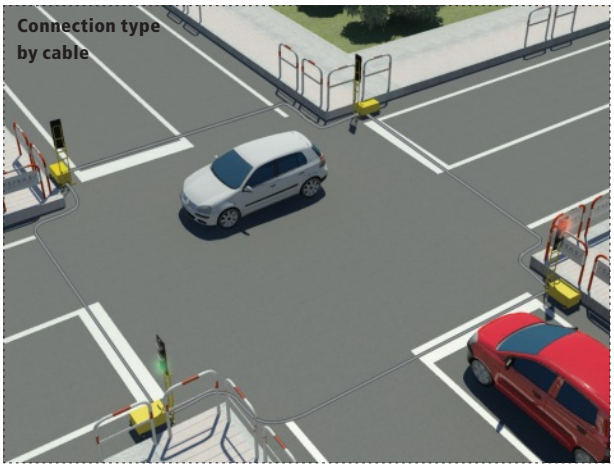
Multifunction Control Unit

Description:
Control unit for traffic lights, thanks to its versatility, can be used either with lamps or LED, in the systems with or without cables. Its use is indicated in any working zones when is required safety and security.

Strengths:
The device allows to control up to 8 traffic lights with 4 different phases, the **GSM** module permits the programming and the control of the traffic light and the managing of warning messages via sms to control eventual problems. Thanks to the radar connection is possible to raise the time of the green light if there are more vehicles transiting in one direction, in order to avoid queues.

	Max phases: four		**Times:** 1 - 999 sec		**Alarms:** Lamp, battery , communication		**Dimensions (H / L / W):** 6,5 x 22 x 12,5 cm
	Max repeaters: four		**Power supply:** 12 V_{dc}		**Autonomy:** (100 Ah battery) 7 days		**Weight:** 0,5 Kg
	Light source: led or traditional lantern		**Connection Type:** quartz synchronization (2 phases) and by cable / **GSM**		**Maximum distance:** Maximum cable lenght 600 m		**Temperature:** -15 °C - +85 °C





technical datasheet

RoHS 2002/95/EC

accessories

Code: 204000023

Code: 204500213

Code: 200500138

Code: 200500077

Code	Description
204000023	Radar
204500213	Radio module **GSM**
200500138	Remote control button with 10m cable
200500077	power supply cable

Code	Description
200600077	QM09 control unit

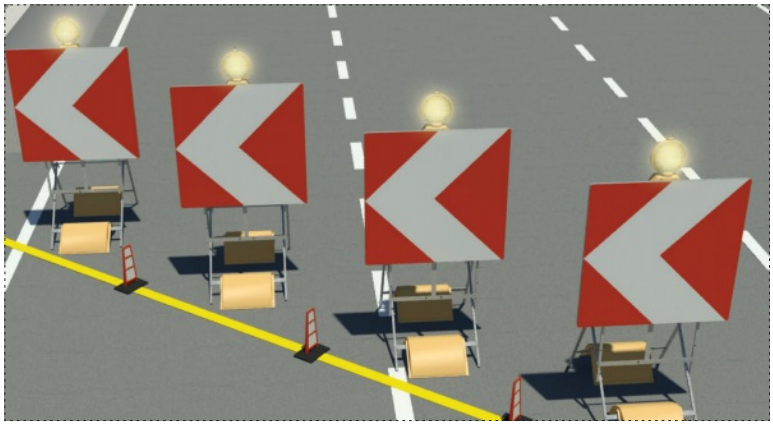
Flashing Light "E-one Radio Sincroled"

Fresnel Lens

Description:
It allows to create a luminous sequence to warn the vehicles of a deviation or a lane change. It is mainly used in highways working zones and for supplementing normal signals. The device can be composed by two lamps or more. The synchronization is made through the sequential activation of the flashing lights. It has 4 luminous levels that adapt themselves automatically to the ambient light.

Strengths:
Thanks to an innovative Fresnel lens, the device can guarantee an high luminous emission visible even from great distances. Because of the only one LED present, the device has a very low consumption. It is very easy to install, thanks to the small dimensions and to the absence of cables.

UNI	**Certifications:** In compliance with UNI EN 12352		**luminous intensity:** Class L8G		**Type of battery:** nr. 2 4R25 batteries of: 7 Ah / *25 Ah* / 45 Ah		**Dimensions (H / L / W):** 36,5 x 20 x 9,5 cm
	Light source: 3W yellow led		**Power supply:** 6 V_{dc}		**Duration:** 290 h / *1000 h* / 1900 h	Kg	**Weight:** 0,7 Kg
	Light emission: sequential flashing, groups of five		**Twilight:** yes		**On/off switch:** external		**Temperature:** -20 °C - +85 °C



technical datasheet

CE

RoHS 2002/95/EC

accessories

Code: 200300016

Code: 200300022

Code: 202000059

Code	Description
200300016	6 V 7 Ah battery
200300022	6 V 25 Ah battery
202000059	Universal bracket

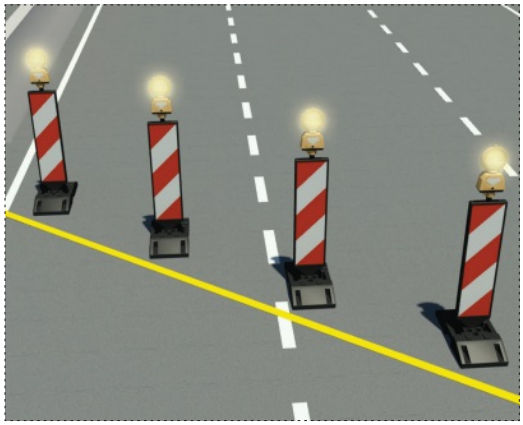
Code	Description	Pack	Pallet
202000074	E-One radio Sincroled	12 pcs	24 paks

Flashing Light "Radio Sincroled"

Description:
The device allows to create a luminous sequence to signal to the vehicles a lane restriction or a lane changing. It is mainly used in highway working zones, supplementing the normal signals. The synchronization is made via radio through the sequential switching of the flashing lights.

Strengths:
Quick installation thanks to the absence of cables and to its small dimensions. The lamp is furnished with LED lenses at high brightness (L8H) and low consumptions. It is possible to choose different modality of flashing and also to control the battery level. The lamps synchronization is unlimited in order to guarantee its use even in long lasting working zones.

UNI	**Certifications:** In compliance with UNI EN 12352		**luminous intensity:** Class L8H		**Type of battery:** nr. 2 4R25 batteries of: 7 Ah / *25 Ah* / 45 Ah		**Dimensions (H / L / W):** 36,5 x 20 x 9,5 cm
	Light source: 120 led amber		**Power supply:** 12 V_{dc}		**Duration:** 44 h / *160 h* / 280 h	Kg	**Weight:** 0,7 Kg
	Light emission: sequential yellow (amber)		**Luminous intensity regulation:** variable intensity depending on ambient light		**On/off switch:** external		**Temperature:** -20 °C - +85 °C



technical datasheet

CE RoHS 2002/95/EC

accessories

Code: 200300016

Code: 200300022

Code: 200300038

Code: 204200005

Code: 201800033

with 42 mm cap

Code	Description
200300016	6 V 7 Ah battery
200300022	6 V 25 Ah battery
200300038	6 V 45 Ah battery
204200005	White/Red Engineer Grade 25x100 cm signal panel
201800033	28 kg safety base

Code	Description	Box
202000068	Radio Sincroled	4 pcs
202000070	Radio Sincroled with 42 mm cap	4 pcs

Flashing Light
“Sequential System with Cables”

Master Light

Slave Light

Description:
The device is made of homologated LED lamps (master and slave) with via cable synchronization, without electronic control unit. The module permits to realize a luminous sequence of different length in order to warn the vehicles of a lane restriction or a roadway changing. Mainly used in highway working zones.

Strengths:
Thanks to the master light is possible to set up 3 different speeds for the luminous sequence, the activation of twilight and guide light. It is possible to configure the system with only slave lights, if the functions of the master are not required. Sure lamps synchronization thanks to the cables. It is possible to apply the lamps on different supports thanks to the rear integrated bracket.

UNI	**Certifications:** In compliance with UNI EN 12352		**luminous intensity:** Class L8H		**Type of battery:** 100 Ah / 180 Ah		**Dimensions (H / L / W):** 27,5 x 23 x 8 cm
	Light source: 120 led amber		**Power supply:** 12 V_{dc}		**Duration:** 650 h / 1100 h *10 lighs kit speed 2	Kg	**Weight:** Master 0,75 Kg Slave 1,9 kg (with 12 m cable)
	Light emission: 3 sequential speed		**Twilight:** switchable		**On/off switch:** absent, using battery cables		**Temperature:** -15 °C - +85 °C

Master Light

Slave Light

technical datasheet

RoHS 2002/95/EC

accessories

Code: 200500120

Code: 200500124

Code: 909037186

Code: 204200005

Code: 201800033

Code: 200200012

Code: 201200036

Code: 200300011

Code: 200300001

Code	Description
200500120	Adapter cable for slave light
200500124	Extension 15 m cable
909037186	cap for 60 mm pole
204200005	White/Red Engineer Grade 25x100 cm signal panel
201800033	kg 28 safety base
200200012	12V 3,0Ah 230VAC power supply feeder
201200036	Battery holder
200300011	100 Ah battery
200300001	180 Ah battery

Code	Description
201900187	Master Light
201900188	Slave Light
200500119	Power supply 5 m cable for master light

Flashing Light
“E-one Sequential System with Cables”

Fresnel Lens

Description:
The device is made of homologated E-one yellow led lamps via cable synchronization, without electronic control unit. The module permits to realize a luminous sequence of different length in order to warn the vehicles of a lane restriction or a roadway changing. Mainly used in highway working zones.

Strengths:
The system is configured with only slave lights, up to 30 lamps in a row. Because of the innovative Fresnel lens, the device can guarantee a high luminous emission visible even from great distances. Thanks to the only one LED, the device has a very low consumption. Sure lamps synchronization thanks to the cables. It is possible to apply the lamps on different supports thanks to the rear integrated bracket.

UNI	**Certifications:** In compliance with UNI EN 12352		**luminous intensity:** Class L8G		**Type of battery:** 100 Ah		**Dimensions (H / L / W):** 36,5 x 20 x 9,5 cm
	Light source: 3W amber led		**Power supply:** 12 V_{dc}		**Duration:** 600 h *5 lighs kit	Kg	**Weight:** Slave 1,4 kg (with 12 m cable)
	Lenses: Fresnel lens		**Twilight:** yes		**On/off switch:** absent, using battery cables		**Temperature:** -15 °C - +85 °C

accessories

Code: 204200005

Code: 201800033

Code: 200300011

Code	Description
204200005	White/Red Engineer Grade 25x100 cm signal panel
201800033	kg 28 safety base
200300011	100 Ah battery

CE RoHS 2002/95/EC

technical datasheet

Code	Description
202000095	Slave E-one with cable
200500150	Power supply cable

Directional Led Panel "60x60 cm - 8 Led optics"

(Ø 100 mm)

Description:
Used in steady or mobile working zones, they can be applied on stands, on poles or fixed on vans, trailers and operative machines. Thanks to the rear swivel is possible to realize a right or left arrow.

Strengths:
The structure is made of aluminum that guarantees a very good resistance to the hurts and to the weathering. High luminous LED lenses. Light sensor for auto brightness.

UNI	**Certifications:** in compliance with UNI EN 12352		**Power supply:** 12 / 24 V_{dc}		**On/off switch:** absent
	Light source: nr. 8 leds optics of ø 100 mm		**Type of battery:** 40 Ah / *100 Ah* / 180 Ah		**Dimensions (H / L / W):** 60 x 60 x 13 cm
	Light emission: yellow (amber)		**Duration:** 120 h / *300 h* / 520 h	Kg	**Weight:** 6 Kg
	Luminous intensity: Class L2H		**Twilight:** no		**Temperature:** -15 °C - +85 °C

accessories

Code: 200300010

Code: 200300011

Code: 200300001

CE RoHS 2002/95/EC

technical datasheet

Code	Description
203400014	60x60 cm directional led panel ø 100 mm

Directional Led Panel "70x70 cm - 13 Led optics"

(Ø 100 mm)

Description:
Used in steady or mobile working zones, they can be applied on stands, poles or fixed on vans, trailers and operative machines. Thanks to the presence of 13 lenses is possible to realize: right arrow, left arrow, X for danger.

Strengths:
The structure is made of aluminum that guarantees a very good resistance to the hurts and to the weathering. High luminous LED lenses. Light sensor for auto brightness.

UNI	**Certifications:** in compliance with UNI EN 12352		**Power supply:** 12 / 24 V_{dc}		**On/off switch:** outside
	Light source: nr. 13 leds optics of ø 100 mm		**Type of battery:** 40 Ah / *100 Ah* / 180 Ah		**Dimensions (H / L / W):** 70 x 70 x 13 cm
	Light emission: yellow (amber)		**Duration:** 120 h / *300 h* / 520 h	Kg	**Weight:** 8,2 Kg
	Luminous intensity: Class L2H		**Twilight:** no		**Temperature:** -15 °C - +85 °C

accessories

Code: 200300010

Code: 200300011

Code: 200300001

Code: 203400010

CE RoHS 2002/95/EC

technical datasheet

Code	Description
203400016	70x70 cm directional led panel ø 100 mm
203400010	Remote control

Directional Led Panel “90x90 cm - 8 Led optics”

(Ø 200 mm)

Description:
Used in steady or mobile working zones, they can be applied on stands, on poles or fixed on vans, trailers and operative machines. Thanks to the rear swivel is possible to realize a directional arrow to the left or to the right.

Strengths:
The structure is made of aluminum that guarantees a very good resistance to the hurts and to the weathering. High luminous LED lenses. Light sensor for auto brightness.

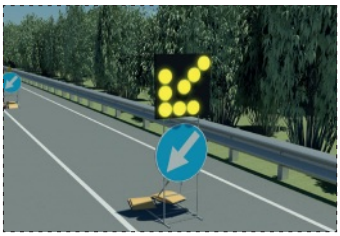
UNI	**Certifications:** in compliance with UNI EN 12352		**Power supply:** 12 / 24 V_{dc}		**On/off switch:** absent
	Light source: nr. 8 leds optics of ø 200 mm		**Type of battery:** 40 Ah / *100 Ah* / 180 Ah		**Dimensions (H / L / W):** 90 x 90 x 13 cm
	Light emission: yellow (amber)		**Duration:** 29 h / *70 h* / 130 h	Kg	**Weight:** 13,2 Kg
	Luminous intensity: Class L8H		**Twilight:** no		**Temperature:** -15 °C - +85 °C

accessories

Code: 200300010

Code: 200300011

Code: 200300001



CE RoHS 2002/95/EC

technical datasheet

Code	Description
203400015	90x90 cm directional led panel ø 200 mm

Directional Led Panel “105x105 cm - 13 Led optics”

(Ø 200 mm)

Description:
Used in steady or mobile working zones, they can be applied on stands, poles or fixed on vans, trailers and operative machines. Thanks to the presence of 13 lenses is possible to realize: right arrow, left arrow, X for danger.

Strengths:
The structure is made of aluminum that guarantees a very good resistance to the hurts and to the weathering. High luminous LED lenses. Light sensor for auto brightness.

UNI	**Certifications:** in compliance with UNI EN 12352		**Power supply:** 12 / 24 V_{dc}		**On/off switch:** outside
	Light source: nr. 13 leds optics of ø 200 mm		**Type of battery:** 40 Ah / *100 Ah* / 180 Ah		**Dimensions (H / L / W):** 105 x 105 x 13 cm
	Light emission: yellow (amber)		**Duration:** 29 h / *70 h* / 130 h	Kg	**Weight:** 18 Kg
	Luminous intensity: Class L8H		**Twilight:** no		**Temperature:** -15 °C - +85 °C

accessories

Code: 200300010

Code: 200300011

Code: 200300001

Code: 203400010

CE RoHS 2002/95/EC

technical datasheet

Code	Description
203400017	105x105 cm directional led panel ø 200 mm
203400010	Remote control

Directional Led Panel "90x90 cm - 13 Led DS200 optics"

(Ø DS200 mm)

Description:
Used in steady or mobile working zones, they can be applied on stands, poles or fixed on vans, trailers and operative machines. Thanks to the presence of 13 lenses is possible to realize: right arrow, left arrow, X for danger.

Strengths:
The structure is made of aluminum that guarantees a very good resistance to the hurts and to the weathering. High luminous LED lenses. Light sensor for auto brightness.

	Certifications: in compliance with UNI EN 12352		**Power supply:** 12 / 24 V_{dc}		**On/off switch:** outside
	Light source: nr. 13 leds optics of ø DS200 mm		**Type of battery:** 40 Ah / *100 Ah* / 180 Ah		**Dimensions (H / L / W):** 90 x 90 x 13 cm
	Light emission: yellow (amber)		**Duration:** 29 h / *70 h* / 130 h		**Weight:** 10 Kg
	Luminous intensity: Class L8H		**Twilight:** no		**Temperature:** -15 °C - +85 °C

accessories

Code: 200300010

Code: 200300011

Code: 200300001

CE

RoHS 2002/95/EC

technical datasheet

Code	Description
203400054	90x90 alluminium panel - 13 lights DS200
203400010	Remote control

Road Flag Mover

Description:
Provided with 200mm, 300 mm optics or both (200mm and 300mm) the flag mover is used close or inside the work zones in highways to advice the users of the roads about a presence of works, warning them to slow down and to be careful.
The flag mover has been designed to make configurations for deviations on the right or on the left.

Strenghts:
Thanks to the foldable structure, two wheels and the handle for the transport, the movement operations and the installations in the work zones are easy and increase the security of the workers. High visibility and low energy consumption are granted by using led lights. High reflective orange fluorescent flag.

technical datasheet

	Certifications: In compliance with UNI EN 12352		**luminous intensity:** Ø 200 mm Class L8H Ø 300 mm Class L9M		**Type of battery:** 100 Ah / 180 Ah		**Dimensions (H / L / W):** box 112 x 53,5 x 51 cm
	Light source: 200 mm optics 120 led amber 300 mm optics 232 led amber		**Power supply:** 12 V_{dc}		**Duration:** optic Ø 200 mm: 42 h / 76 h optic Ø 300 mm: 40 h / 72 h optic Ø 200+300 mm: 38 h / 69 h		**Weight:** 26,5 Kg
	Light emission: yellow (amber)		**Luminous intensity regulation:** variable intensity depending on ambient light		**On/off switch:** external		**Temperature:** -15 °C - +85 °C

CE

RoHS 2002/95/EC

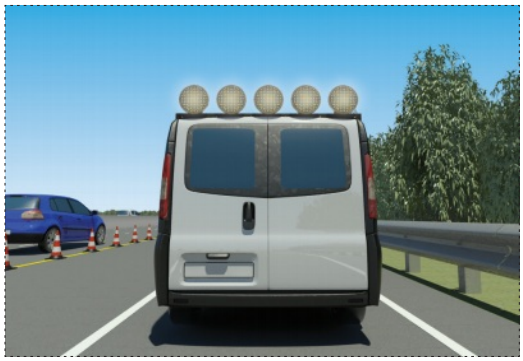
Code	Description
204400030	Road flag mover 200 mm
204400032	Road flag mover 300 mm
204400033	Road flag mover 200 mm + 300 mm

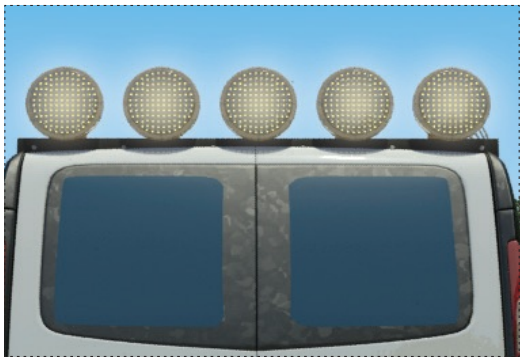
Barrier with 5 Led optics

Description:
Mainly used for applications on emergency vehicles or on working machines, its purpose is to catch the driver attention for a dangerous situations, a lane deviation or changing.

Strengths:
Handled by the driver with a remote control. Possibility to choose different configurations of the high brightness LED lenses, depending on the operator needs. Easy to install or to remove on any kind of vehicle.

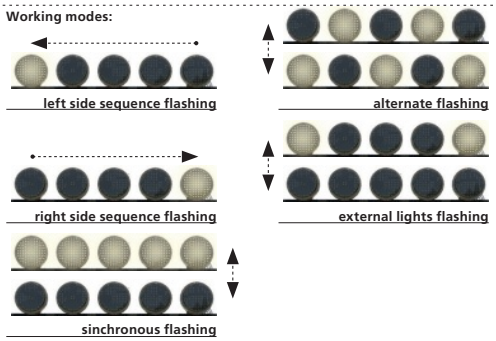
	Certifications: In compliance with UNI EN 12352		**luminous intensity:** Class L8H		**Type of battery:** 12 V_{dc} vehicle battery		**Dimensions (H / L / W):** 140 x 28 x 17 cm
	Light source: five optics with 120 led amber		**Power supply:** 12 V_{dc}				**Weight:** 9,5 Kg
	Light emission: yellow (amber)		**Luminous intensity regulation:** variable intensity depending on ambient light		**On/off switch:** external		**Temperature:** -15 °C - +85 °C





Remote control

Working modes:



RoHS 2002/95/EC

technical datasheet

Code	Description
201900174	Barrier with 5 lights with remote control

Warning Trailer

Fig. 401

Description:
Location mobile signal placed on a trailer pulled by a vehicle. It is mainly used for signaling highway working zones. Equipped with LED lenses and with arrow signal adjustable to the free side, its purpose is to signal to the driver the deviation to follow. Our standard trailer is composed by 23 Ø 200 mm led lights and 2 Ø 300 mm to show the different configurations: arrow right/ arrow left/triangle/ double arrow and right or left sequence. The led lights are mounted in a structure made of aluminum plate covered by white/red HI tape. All the structure is made by galvanized steel: the loading compartment is in zinc plated and it is composed by 3 parts: 1 closed space for the batteries, 2 open spaces where is possible to place different tools. It is possible to have the trailer with or without brakes. Manual blue arrow sign. The maximum speed in closed position is 80 km/h while in the operating position is 25 km/h.

Strengths:
High visibility, strong structure resistant to the hurts, vain used to transport various tools.

UNI	**Certifications:** in compliance with UNI EN 12352		**Power supply:** 12 V_{dc}		**On/off switch:** outside
	Light source: nr. 23 of 200 mm optics + nr. 2 of 300 mm optics		**Type of battery:** nr. 2 batteries 180 Ah		**Dimensions (H / L / W):** closed 222,2 x 220 x 250 cm
	Light emission: yellow (amber)		**Consumption:** minimum 25 mA maximum 16,5 A	Kg	**Weight:** 560 kg
	Luminous intensity: 200 mm Class L8H 300 mm Class L9M		**Luminous intensity regulation:** variable intensity depending on ambient light		**Temperature:** -15 °C - +85 °C

CE

RoHS 2002/95/EC

technical datasheet

Code	Description
909032033	Warning trailer (fig. 401) with High Intensity Grade tape

h 30 cm Rubber Cones

Engineer Grade - High Intensity Grade - Fully Reflective High Intensity Grade

2 Bands

(Engineer Grade)

2 Bands

(High Intensity Grade)

Fully Reflective

(High Intensity Grade)

Description:
They are used to show working zones in parking and private areas.

Strengths:
High elasticity, resistant to the crushings, anti-aging painting, the application of the bands increase the visibility.

	Dimensions: H: 30 cm Base: 23 x 23 cm		**Construction materials:** high elasticity vulcanized rubber product
	Weight: 0,9 Kg		**External surface treatments:** anti-aging red painting / application of bands E.G. or H.I. tape

technical datasheet

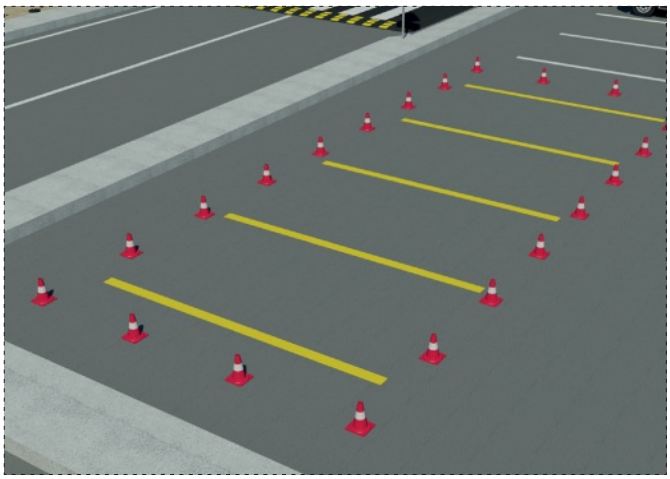
Code	Description	Pallet
101030213	30 cm rubber cone - 2 bands Engineer Grade	240 pcs
101030223	30 cm rubber cone - 2 bands High Intensity Grade	240 pcs
101030523	30 cm rubber cone - fully reflective High Intensity Grade	240 pcs

h 30 cm Plastic Cone

Description:
They are used to delimit and to show maintenance and working zones, in private areas and parking.

Strengths:
Resistant to the hurts of the passing vehicles, easily handling during the installation and removal thanks to the grip on the top of the cone.

technical datasheet



	Dimensions: H: 30 cm Base: 21 x 21 cm		**Construction materials:** plastic product
	Weight: 0,3 Kg		**External surface treatments:** application of 1 band

Code	Description	Pack	Pallet
909011001	30 cm plastic cone - white/red	20 pcs	30 packs

h 50 cm Rubber Cone

Engineer Grade

Description:
They are used to delimit and to show maintenance and working zones particularly during the day.

Strengts:
High elasticity, resistant to the crushings, anti-aging painting, the application of the bands increase the visibility.

technical datasheet

	Dimensions: H: 50 cm Base: 28 x 28 cm		**Construction materials:** high elasticity vulcanized rubber product
	Weight: 2,1 Kg		**External surface treatments:** anti-aging red painting / application of 2 bands E.G.

Code	Description	Pallet
101050213	50 cm rubber cone - 2 bands Engineer Grade	200 pcs

h 50 cm Rubber Cone

High Intensity Grade

Description:
They are used to delimit and to show maintenance and working zones particularly during the night.

Strengths:
High elasticity, resistant to the crushings, anti-aging painting, the application of the bands increase the visibility.

technical datasheet

	Dimensions: H: 50 cm Base: 28 x 28 cm		**Construction materials:** high elasticity vulcanized rubber product
	Weight: 2,1 Kg		**External surface treatments:** anti-aging red painting / application of 2 bands H.I.

Code	Description	Pallet
101050223	50 cm rubber cone - 2 bands High Intensity Grade	200 pcs

h 50 cm Rubber Cone

Fully reflective High Intensity Grade

Description:
They are used to delimit and to show maintenance and working zones particularly during the night.

Strengths:
High elasticity, resistant to the crushings, anti-aging painting, the application of the bands increase the visibility.

technical datasheet

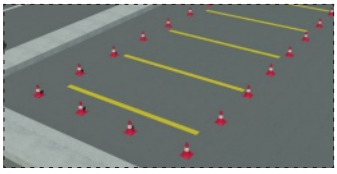
	Dimensions: H: 50 cm Base: 28 x 28 cm		**Construction materials:** high elasticity vulcanized rubber product
	Weight: 2,1 Kg		**External surface treatments:** anti-aging red painting / application of fully refective tape H.I.

Code	Description	Pallet
101050523	50 cm rubber cone - fully reflective High Intensity Grade	200 pcs

h 50 cm HDPE Cone

Description:
They are used to delimit and to show maintenance and working zones, in private areas and parkings.

Strengths:
Resistant to the hurts of the passing vehicles, easily handling during the installation and removal thanks to the grip on the top of the cone.



technical datasheet

	Dimensions: H: 50,5 cm Base: 27,5 x 27,5 cm		**Construction materials:** HDPE product
	Weight: 0,7 Kg		**External surface treatments:** application of 2 bands

Code	Description	Pack	Pallet
909011003	50 cm HDPE cone - white/red	10 pcs	24 packs

h 50 cm HDPE Cone / Rubber Base

Engineer Grade

Description:
They are used to delimit and to show maintenance and working zones particularly during the day.

Strengths:
High elasticity, resistant to the crushings, anti-aging painting, the application of the bands increase the visibility

	Dimensions: H: 50 cm Base: 26,7 x 26,7 cm		**Construction materials:** high elasticity vulcanized rubber base / HDPE body
	Weight: 2,1 Kg		**External surface treatments:** application of 2 bands E.G.

technical datasheet

Code	Description	Pallet
909011008	50 cm HDPE cone with base in rubber - 2 bands Engineer Grade	200 pcs

h 50 cm HDPE Cone / Rubber Base

High Intensity Grade

Description:
They are used to delimit and to show maintenance and working zones particularly during the night.

Strengths:
High elasticity, resistant to the crushings, anti-aging painting, the application of the bands increase the visibility

	Dimensions: H: 50 cm Base: 26,7 x 26,7 cm		**Construction materials:** high elasticity vulcanized rubber base / HDPE body
	Weight: 2,1 Kg		**External surface treatments:** application of 2 bands H.I.

technical datasheet

Code	Description	Pallet
909011009	50 cm HDPE cone with base in rubber - 2 bands High Intensity Grade	200 pcs

h 75 cm Rubber Cone

Engineer Grade

Description:
They are used to show working zones in highway during the day and as a base for the sequential flashing light.

Strengths:
High elasticity, resistant to the crushings, anti-aging painting, the application of the bands increase the visibility.

technical datasheet

	Dimensions: H: 75 cm Base: 40 x 40 cm		**Construction materials:** high elasticity vulcanized rubber product
	Weight: 7,5 Kg		**External surface treatments:** anti-aging red painting / application of 2 bands E.G.

Code	Description	Pallet
101075213	75 cm rubber cone - 2 bands Engineer Grade	50 pcs

h 75 cm Rubber Cone

High Intensity Grade

Description:
They are used to show working zones in highway during the night and as a base for the sequential flashing light.

Strengths:
High elasticity, resistant to the crushings, anti-aging painting, the application of the band increase the visibility.

technical datasheet

	Dimensions: H: 75 cm Base: 40 x 40 cm		**Construction materials:** high elasticity vulcanized rubber product
	Weight: 7,5 Kg		**External surface treatments:** anti-aging red painting / application of 2 bands H.I.

Code	Description	Pallet
101075223	75 cm rubber cone - 2 bands High Intensity Grade	50 pcs

h 75 cm Rubber Cone

Fully reflective High Intensity Grade

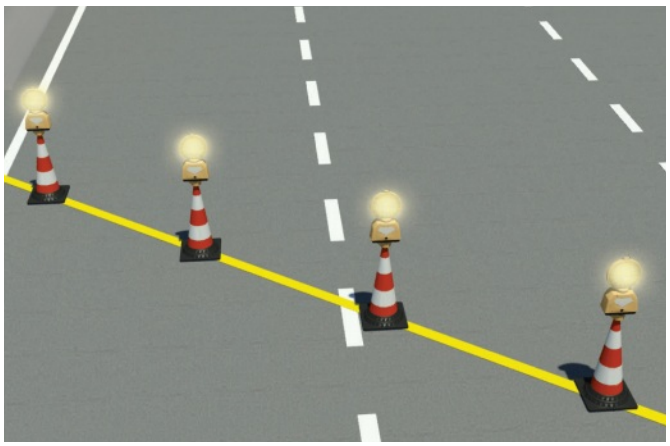
Description:
They are used to show working zones in highway during the night and as a base for the sequential flashing light.

Strengths:
High elasticity, resistant to the crushings, anti-aging painting, the application of the bands increase the visibility.

technical datasheet

	Dimensions: H: 75 cm Base: 40 x 40 cm		**Construction materials:** high elasticity vulcanized rubber product
	Weight: 7,8 Kg		**External surface treatments:** anti-aging red painting / application of full y reflective tape H.I.

Code	Description	Pallet
101075523	75 cm rubber cone - fully reflective High Intensity Grade	50 pcs



Flexible EVA Defleco

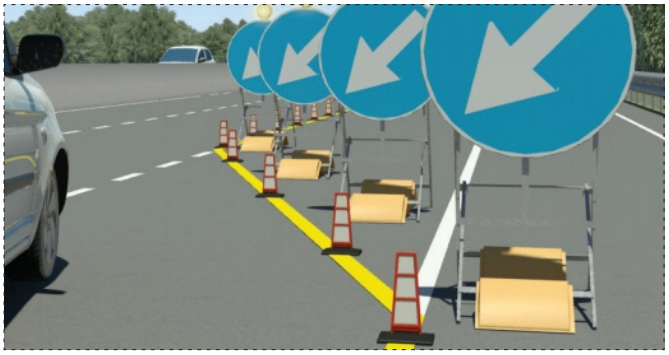
High Intensity Grade

Description:
It is used to delimit opposite or parallel working zones in suburban streets and highways during the night.

Strengths:
Easy to install and to remove thanks to the adhesive. High resistant material.

technical datasheet

	Dimensions: Body (H/L/W) 33 x 11,5 x 1,5 cm Base (H/L/W) 2,5 x 21 x 15 cm		**Construction materials:** Eva product
	Weight: total 1 kg		**External surface treatments:** 6 inserts H.I.



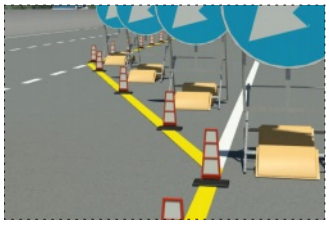
Code	Description	Pack	Pallet
104730025	Flexible EVA defleco with 6 insert High Intensity Grade	50 pcs	12 packs

Flexible rubber Defleco

High Intensity Grade

Description:
It is used to delimit opposite or parallel working zones in suburban streets and highways during the night.

Strengths:
Easy to install and to remove thanks to the specific adhesive. It is resistant to hurts and crushing.



technical datasheet

	Dimensions: Body (H/L/W) 33,5x 11,5 x 4,5 cm Base (H/L/W) 2,5 x 21 x 15 cm		**Construction materials:** high elasticity vulcanized rubber product
	Weight: total 1,5 kg		**External surface treatments:** anti-aging red painting of the delineator with 6 inserts H.I.

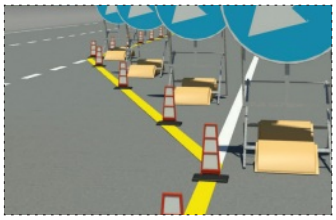
Code	Description	Pack	Pallet
104630621	Flexible rubber defleco with base 6 insert High Intensity Grade	50 pcs	12 packs

Glue

Glue used to fix the delineators on the ground

Description:
The glue is used to fix the delineators on the ground.

Strengths:
The specific adhesive permits an easy installation and removal of the item.



technical datasheet

	Dimensions: 23 x 19 cm		**Construction materials:** tin can
	Weight: 4,75 kg		

Code	Description
19900005	Glue for road delineators

h 30 cm Rubber Cylinder

Engineer Grade

Description:
It is used to point out and to delimit working zones, deviations or downspouts. Mainly used during the daytime.

Strengths:
High elasticity, resistant to the crushings, anti-aging painting, the application of the bands increase the visibility.

technical datasheet

	Dimensions: Body (H/L/W/) 30xØ7,5xØ11,2 cm Base (H/L) 3,3 x 25,5 cm		**Construction materials:** high elasticity vulcanized rubber product
	Weight: total 1,6 kg		**External surface treatments:** anti-aging red painting / application of 3 bands E.G.

Code	Description	Pack	Pallet
114030311	30 cm rubber cylinder with base 3 bands Engineer Grade	25 pcs	12 packs

h 30 cm Rubber Cylinder

High Intensity Grade

Description:
It is used to point out and to delimit working zones, deviations or downspouts. Mainly used during the night.

Strengths:
High elasticity, resistant to the crushings, anti-aging painting, the application of the bands increase the visibility.

technical datasheet

	Dimensions: Body (H/L/W/) 30xØ7,5xØ11,2 cm Base (H/L) 3,3 x 25,5 cm		**Construction materials:** high elasticity vulcanized rubber product
	Weight: total 1,6 kg		**External surface treatments:** anti-aging red painting / application of 3 bands H.I.

Code	Description	Pack	Pallet
114030321	30 cm rubber cylinder with base 3 bands High Intensity Grade	25 pcs	12 packs

h 30 cm Rubber Cylinder

Fully reflective High Intensity Grade

Description:
It is used to point out and to delimit working zones, deviations or downspouts. Mainly used during the night.

Strengths:
High elasticity, resistant to the crushings, anti-aging painting, the application of the bands increase the visibility.

technical datasheet

	Dimensions: Body (H/L/W/) 30xØ7,5xØ11,2 cm Base (H/L) 3,3 x 25,5 cm		**Construction materials:** high elasticity vulcanized rubber product
	Weight: total 1,6 kg		**External surface treatments:** anti-aging red painting / application of fully reflective tape H.I.

Code	Description	Pack	Pallet
114030721	30 cm rubber cylinder with base fully reflective High Intensity Grade	25 pcs	12 packs

h 60 cm Rubber Cylinder

High Intensity Grade

Description:
It is used to point out and to delimit working zones, deviations or downspouts. Mainly used during the night.

Strengths:
High elasticity, resistant to the crushings, anti-aging painting, the application of the bands increase the visibility.

technical datasheet

	Dimensions: Body (H/L/W/) 60xØ7,5/8,5xØ11,2 cm / Base (H/L) 3,3 x 25,5 cm		**Construction materials:** high elasticity vulcanized rubber product
	Weight: total 2,3 kg		**External surface treatments:** anti-aging red painting / application of 3 bands H.I.

Code	Description	Pallet
114060321	60 cm rubber cylinder with base 3 bands High Intensity Grade	100 pcs

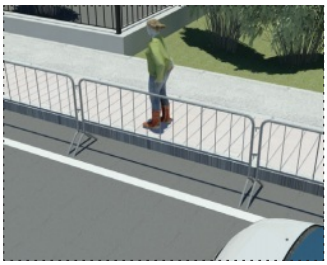
Road Barrier

110x200 cm

Description:
It is used to point out and to delimit working zones, deposits, pedestrian crossings, during events.

Strengths:
Removable and adjustable leg barrier, that guarantee stability to the ground, anti-slip attaches. Thanks to the lateral brackets is possible to join the barriers together.
The withe/red panel guarantees a major night visibility.

	Dimensions (H / L / W): barrier: 110 x 200 x 3 cm		**Construction materials:** iron
	Weight: 110x200 cm: without panel with legs 10 kg with panel with legs 12,3 kg		**External surface treatments:** hot galvanized



accessories

Code: 909040017

Code: 909040025

Code: 909040030

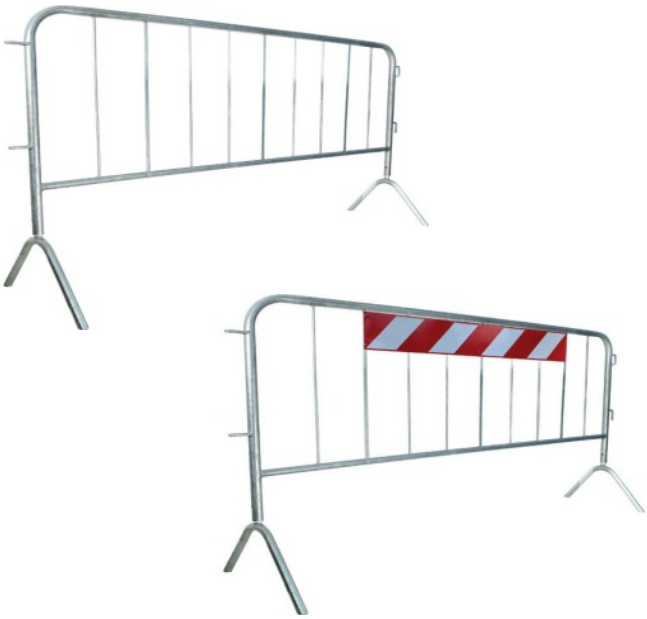
technical datasheet

Code	Description
909040017	normal leg
909040025	flat leg
909040030	panel 20x150 cm Engineer Grade white/red

Code	Description	Pallet
909040036	Barrier 110x200 cm with normal legs	30 pcs
909040040	Barrier 110x200 cm with white/red Engineer Grade panel and normal legs	30 pcs

Road Barrier

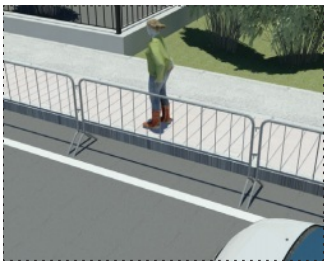
110x250 cm

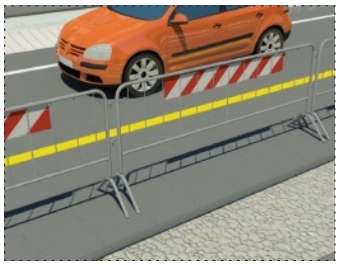


Description:
It is used to point out and to delimit working zones, deposits, pedestrian crossings, during events.

Strengths:
Removable and adjustable leg barrier, that guarantee stability to the ground, anti-slip attaches. Thanks to the lateral brackets is possible to join the barriers together.
The withe/red panel guarantees a major night visibility.

	Dimensions (H / L / W): barrier: 110 x 250 x 3 cm		**Construction materials:** iron
	Weight: 110x250 cm: without panel with legs 12 kg with panel with legs 14,2 kg		**External surface treatments:** hot galvanized





accessories

Code: 909040017

Code: 909040025

Code: 909040030

technical datasheet

Code	Description
909040017	normal leg
909040025	flat leg
909040030	panel 20x150 cm Engineer Grade white/red

Code	Description	Pallet
909040037	Barrier 110x250 cm with normal legs	30 pcs
909040041	Barrier 110x250 cm with white/red Engineer Grade panel and normal legs	30 pcs

“M6” Stand

Description:
With 3 legs, it is used as a support for the 60 cm discs and for 90 cm triangles for temporary signaling in the working zones.

Strengths:
Minimum size space, easy to install on the street.

Ø 60 cm / Ø 60 cm rotating
L: 90 cm
60x60 cm

technical datasheet

Dimensions (H / L / W): 125,5 x 65,5 x 4 cm	**Construction materials:** iron
Weight: 2,3 kg	**External surface treatments:** fire painting

Code	Description	Pack	Pallet
909008064	M6 stand	6 pcs	20 packs

“M9” Stand

Description:
With 4 legs, it is used as a support for the 60 cm discs and for 90 cm triangles for temporary signaling in the working zones.

Strengths:
Minimum size space, easy to install on the street.

Ø 60 cm / Ø 60 cm rotating
L: 90 cm
60x60 cm

technical datasheet

Dimensions (H / L / W): 122 x 58,5 x 2,5 cm	**Construction materials:** iron
Weight: 4,3 kg	**External surface treatments:** fire painting

Code	Description	Pack	Pallet
909008075	M9 stand	6 pcs	20 packs

“M16” Stand

Description:
With 4 legs, it is used as a support for the 90 cm discs and for 120 cm triangles for temporary signaling in the working zones.

Strengths:
Minimum size space, easy to install on the street.

Ø 90 cm Ø 90 cm rotating
+ adding panel 75x33 cm
L: 120 cm
+ adding panel 105x35cm
90x90 cm
+ adding panel

technical datasheet

Dimensions (H / L / W): 154,5 x 61,7 x 3,5 cm	**Construction materials:** iron
Weight: 7,3 kg	**External surface treatments:** fire painting

Code	Description	Pallet
909008100	M16 stand	60 pcs

“M17” Stand

Description:
With 4 legs, it is used as a support for signs 90x135 cm for temporary signaling in the working zones.

Strengths:
Minimum size space, easy to install on the street.

90x135 cm
+ adding panel 90x30 cm

technical datasheet

Dimensions (H / L / W): 206,5 x 74,5 x 3,5 cm	**Construction materials:** iron
Weight: 10,9 kg	**External surface treatments:** fire painting

Code	Description	Pallet
909008105	M17 stand	40 pcs

Universal Bracket for Stands

Description:
It is used to install the flashing lights on stands.

Strengths:
Quick installation, easy handling, safe held of the flashing light to the signal.

technical datasheet

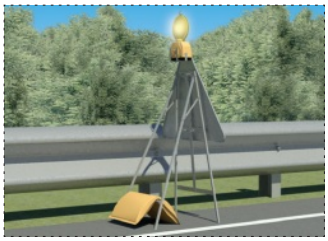
	Dimensions (H / L / W): 10,3 x 20 x 12,5 cm		Construction materials: iron
	Weight: 0,5 kg		External surface treatments: cold galvanized

Code	Description
909037061	Universal bracket support

Orange empty bag

Description:
It is used to fix the stand on the ground, with filler cap to be filled with water.

Strengths:
Quick installation and easy handling.



technical datasheet

	Dimensions (H / L): 60 x 40 cm		Construction materials: pvc
	Weight: 0,3 kg		External surface treatments: absent

Code	Description	Pack	Pallet
909033010	Orange empty bag	50 pcs	10 packs

Orange empty bag

Description:
It is used to fix the stand on the ground, it can be filled with sand or water obtaining different weights according to the needs.

Strengths:
Quick installation, resistant, ready to use.

technical datasheet

	Dimensions (H / L / W): 58,6 x 39 cm		Construction materials: pvc
	Weight: 0,3 kg		External surface treatments: absent

Code	Description	Pallet
909032016	Orange empty bag	50 pcs

Orange bag with Sand

Description:
It is used to fix the stand on the ground, with sand inside.

Strengths:
Quick installation, resistant, ready to use.

technical datasheet

	Dimensions (H / L / W): 8 x 58 x 39 cm		Construction materials: pvc
	Weight: 13 kg		External surface treatments: absent

Code	Description	Pallet
909033005	Orange bag with sand	50 pcs

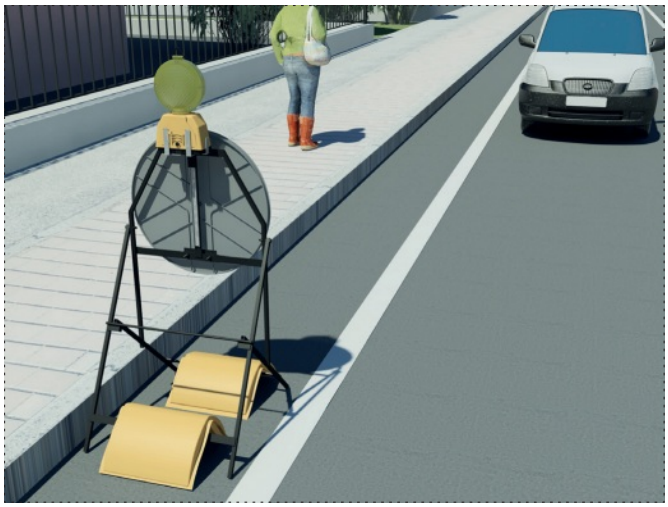
Plastic Signs

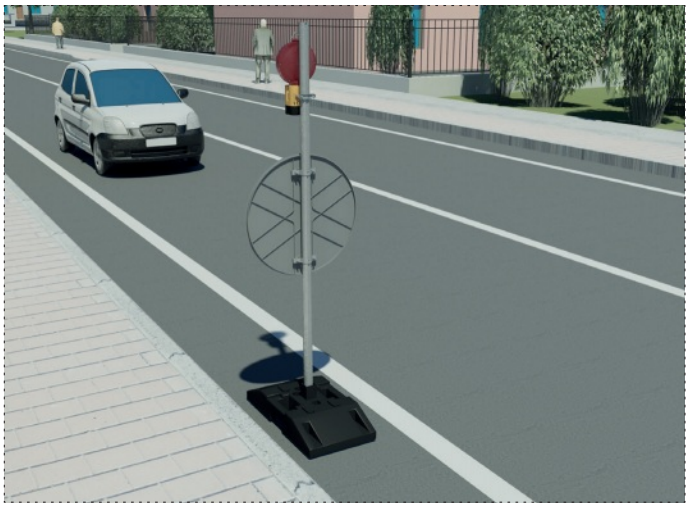
Description:
Plastic signs with different dimensions and shapes are used to replace the standard signs in aluminum or steel in different applications to regulate the traffic flow.
Easily to install thanks to their light weight, they are particularly Indicated in temporary work zones.
They can be fixed in any supports with the standard brackets.

Strengths:
Weathering resistant, longer life than the standard sings.

Dimensions: Ø 60 cm thickness 4 mm		60 cm		**Weight:** 1,2 kg
Dimensions: side 90 cm thickness 4 mm		90 cm		**Weight:** 1,4 kg
Dimensions: 60 x 60 cm thickness 4 mm		60x60 cm		**Weight:** 1,5 kg

technical datasheet

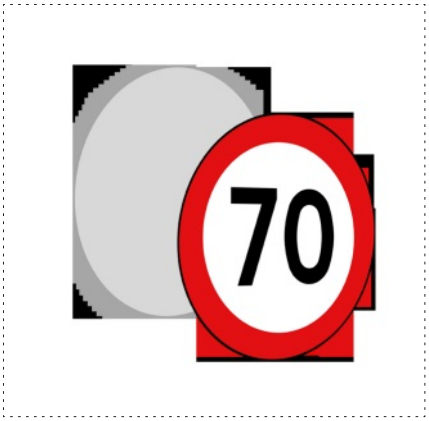


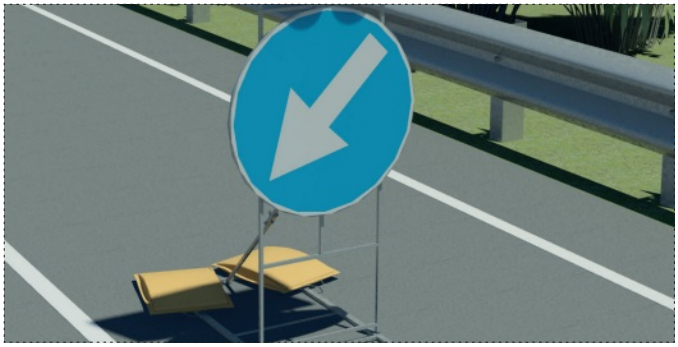


Description
Plastic signs (contact export department)

Adhesive for road Signs

Sisas is able to produce any kind of symbols for your signs in EG or HI tape with any kind of dimensions and according to the Norms of your country. If you send us the symbols you need, we are able to print all kind of adhesive to apply to your signs. Ask for quotation.





Description
Adhesive for road signs

15 kg PVC Base

Description:
It is used to fix the panels to the ground.

Strengths:
It guarantees excelent stability of the signals. It is also easy to install.

technical datasheet

	Dimensions (H / L / W): 11 x 50 x 40 cm		**Construction materials:** high elasticity vulcanized rubber product
	Weight: 15 kg		**External surface treatments:** application of bands E.G. or H.I. tape

Code	Description	Pallet
201800082	15 kg PVC base	50 pcs

Safety Signal Panel

White / Red Engineer Grade 25x100 cm

Description:
Plastic delineator to be mounted in safety bases for application in road works area.
EG tape applied on the body.

Strengths:
Quick installation, resistant, ready to use.

technical datasheet

	Dimensions: L25 x h100 cm		**Construction materials:** Plastic
	Weight: 2,90 kg		**External surface treatments:** EG tape applied on the body

Code	Description
204200005	Safety signal panel

28 kg PVC Base

Description:
It is used to fix the panels to the ground.

Strengths:
Quick installation, resistant, ready to use.

technical datasheet

	Dimensions (H / L / W): 13 x 75 x 37,5 cm		**Construction materials:** PVC
	Weight: 28 kg		**External surface treatments:** no

Code	Description	Pallet
201800033	28 kg PVC base	30 pcs

Stacking New Jersey

Description:
Modular element that permit to create: continuing barriers for traffic, delimitations of working zones, for dangerous zones, and private areas.

Strengths:
The product can be stacked and so there is a big reduction of cost of transport and warehouse space, UV resistant, hurt resistant, quick and easy filling, space for road signs and lamps.

	Dimensions (H / L / W): 60 x 100 x 40 cm		**Construction materials:** polyethilene
	Weight: 6,5 kg		**External surface treatments:** uv treatments

technical datasheet

Code	Description	Pallet
909025013	Red new jersey (stacking)	36 pcs
909025014	White new jersey (stacking)	36 pcs

Pvc Pole

Description:
They are mainly used to delimit areas of restricted access, working zones, private zones.
Fitted with white/red chain and the base.

Strengths:
Light, easy to install and to remove, resistant to the weathering.

	Box includes	6 PVC Bases
		6 PVC Poles

technical datasheet

	Dimensions (H / L / W): pvc pole: 83 x Ø 4 cm base: 28 x 28 x 8,5 cm Total: 90 x 28 x 28 cm		**Construction materials:** plastics
	Weight: pvc pole: 0,2 kg empty base: 0,35 kg base with cement: 2,7 kg		**External surface treatments:** uv treatments

Base with cement:
It is used combining with the pole and the white/red chain.
Resistent and ready to use.

Empty base:
It is used combining with the pole and the white/red chain.
It must be filled with water or sand.
Resistent and easy to transport.

accessories

Code: 909007003

Code: 909001002

Code: 909007004

Code: 909001003

Code	Description
909007003	White/red chain 104 - 25 m / 6 mm
909007004	White/red chain 105 - 25 m / 8 mm
909001002	Junction ring 104
909001003	Junction ring 105

Code	Description	Pack
909028032	Pvc pole	6 pcs
909005006	Base with cement	6 pcs
909005007	Empty base	6 pcs

Traffic Systems

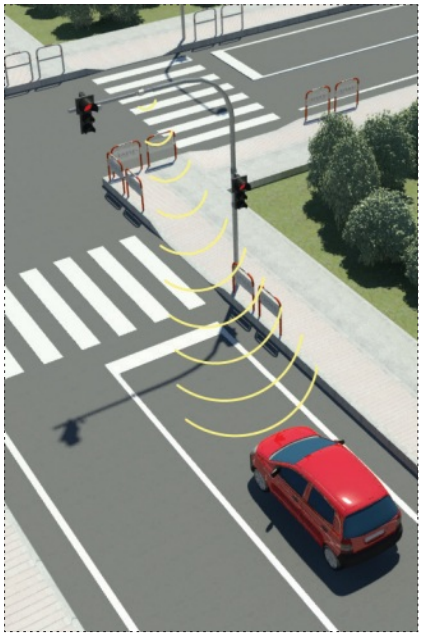
The current problems of both urban and extra-urban mobility require constant precise monitoring of traffic in order to understand and evaluate situations that can change its flow.
The use of advanced technologies, strict selection of materials, and an obsessive attention to the design phase are the foundation of the company's design philosophy and allow Sisas, to respond to every need of the highway signage sector.
To achieve its goals, Sisas offers both stand-alone solutions and complex ITS systems that, due to a design and construction philosophy based on a modular architecture, is completely scalable as our customers' needs increase.

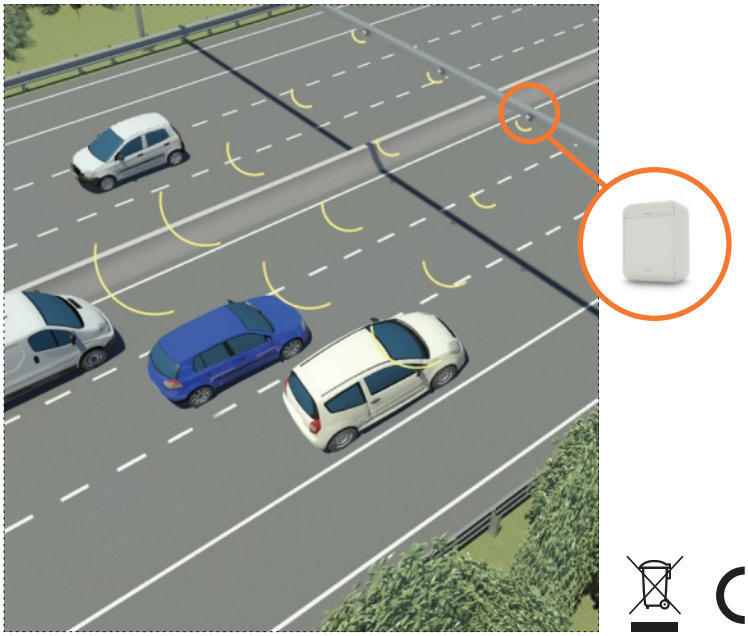
“Galileo” Radar Junior

Description:
Doppler effect system able to relieve vehicles even from great distances with two modalities: tracking and counting.
The radar can communicate with external systems through a serial port. The typical applications are with traffic counters and speed limit displays.
The heart of the system is the digital board that permits to memorize up to 2 Megabit of data. With small dimensions and ip66 container it offers an easy installation in all kind of supports.

Strengths:
Device with economic application used in the mobility sector. Range of speed 1-255 km, 5 classes of vehicles, internal clock for data memory, **custom-made configurations**.

	Power supply: 12 V_{dc}		**Sensor:** doppler radar 24Ghz		**Temperature:** -20 °C - +85 °C
	Communication interface: RS232 RS485		**Dimensions (H / L / W):** container 12 x 9 x 5 cm		**Type of power:** photovoltaic panel network public network
	Consumption: max: 0,075 A		**Weight:** 0,4 kg		

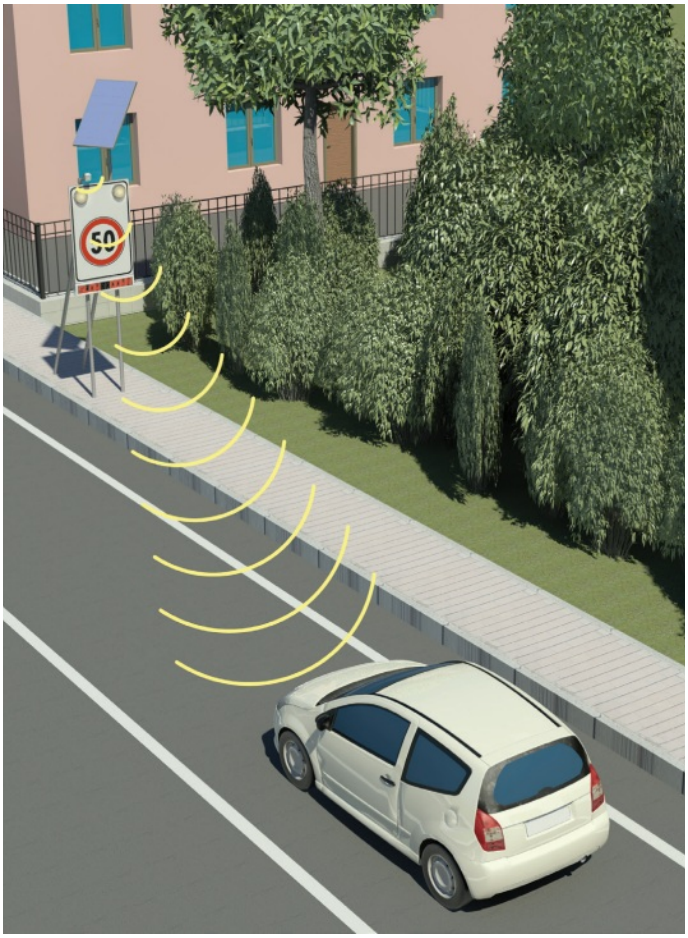




technical datasheet

RoHS 2002/95/EC

Code	Description
204000018	Galileo Radar Junior


50

DTS Media System

Description:
Interactive monitoring and security road system made of an alphanumeric display and a radar system able to handle events related to speed and counting vehicles. The device is mainly used in road sections considered most at risk such as: near schools, main roads, crossings, highway tollbooths and in urban areas.

Strengths:
It is possible to memorize numerous passages, it can guarantee the traffic monitoring memorizing all the information in a memory card (SD CARD). Thanks to the GSM is possible to modify the showed messages from the remote operative central. Statistical device for the traffic monitoring for application on vehicles.

	Lenses: Ø 100mm / Ø 200mm		**Power supply:** 12 Vdc		**Sensor:** doppler radar 24Ghz
	Display: 10 characters/lines character dimension: 75 mm x 105 mm		**Communication interface:** USB, RS232, RS485, GSM		**Dimensions (H / L / W):** container: 1 line: 19,5 x 100x 10 cm 2 lines: 34,5 x 100 x 10 cm 3 lines: 50 x 100 x 10 cm
	Light source: led per character: 74 color: amber 2Ø½: 15 viewing angle		**Consumption:** 1 line: medium 0,58A 2 lines: medium 1,08 A 3 lines: medium 1,82 A		**Weight:** 1 line: 6,5 kg / 2 lines: 12 kg / 3 lines: 18,5 kg
	Brightness control: dinamics or steady		**Type of power:** network/ photovoltaic panel/ public network		**Temperature:** -15 °C - +85 °C

technical datasheet

RoHS 2002/95/EC

accessories

Code: 203000005

Code: 200200019

Code: 200200018

Code: 200200017

Code: 204500217

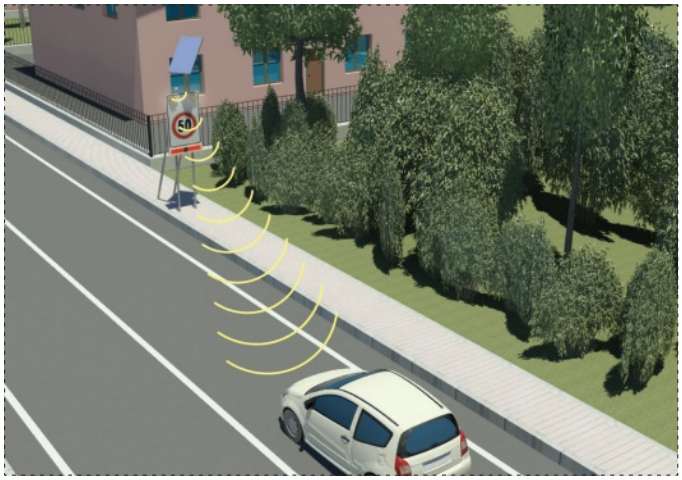
Code: 205500114

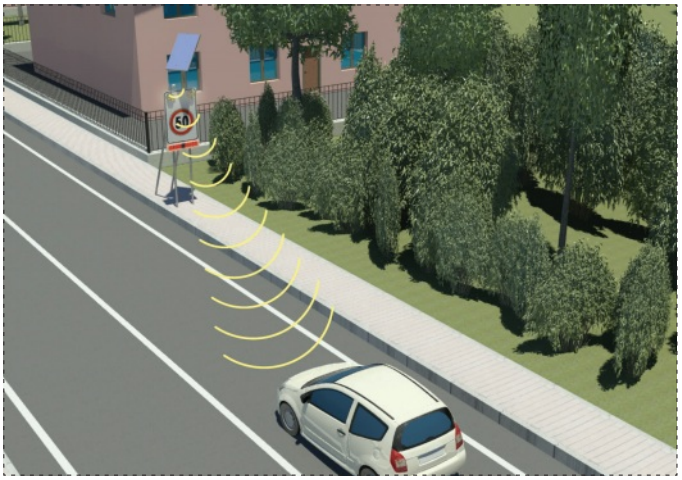
Code: 202900012

Code: 205500108

Code: 205500103

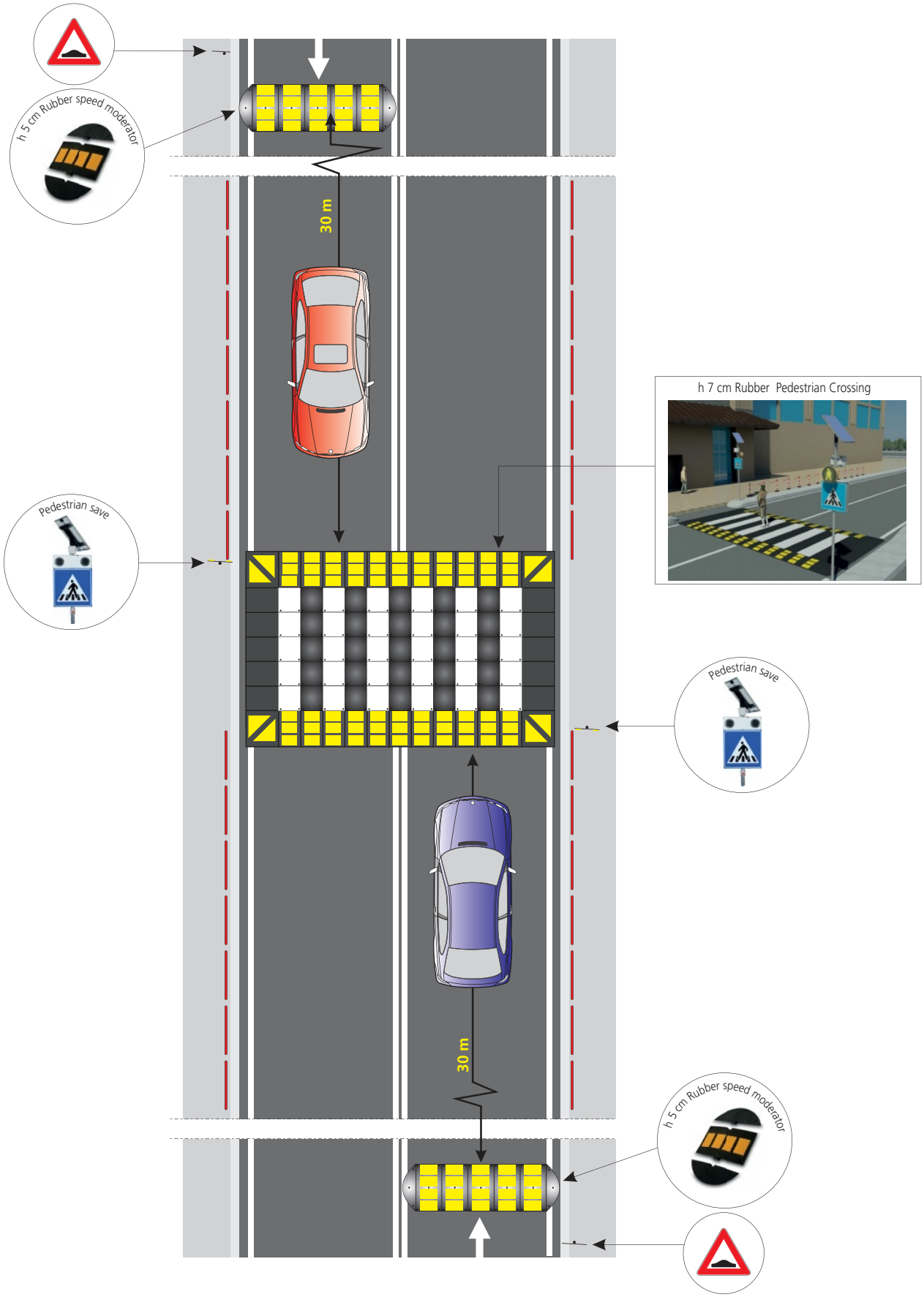
Code	Description
203000005	110W photovoltaic kit
200200019	Public network power supply kit (18Ah)
200200018	Public network power supply kit (40Ah)
200200017	54W 12V feeder
204500217 / *205500114*	GSM module / *GSM module antenna*
202900012	SD card
205500108	Secure digital card
205500103	Blue tooth adapter





Code	Description
209042301	DTS Media System (1 line)
209052301	DTS Media System (2 Lines)
209092301	DTS Media System (3 lines)

Pedestrian Save Application



Pedestrian Save

Description:
Flashing security system for pedestrian crossings with a sensor that relieve the presence of pedestrians.
The device is mainly used in street areas with high flow of pedestrians especially near schools, shopping centers, parks, rail stations, sports halls etc.
The system starts working when the sensor relieve the presence of a pedestrian at the edge of the pedestrian crossing activating the lamps at both sides of the street.

Strengths:
Easily installation in existing road signs.
Thanks to the homologated modules at radio frequency, the device does not need any electrical connection.
The tri-flash LED optics guarantee the maximum efficiency warning the driver of the presence of a pedestrian.
Available with or without sign and with white or black tape application.

RoHS 2002/95/EC

	Lenses: double Ø 100 mm tri-flash double Ø 200 mm tri-flash		**Consumption:** Ø100 mm medium 0,06 A maximum 0,42 A minimum 0,01 A *Ø200 mm* *medium 0,28 A* *maximum 1,8 A* *minimum 0,01 A*		**Sensor:** doppler radar K-Band horizontal opening 80 ° vertical opening 32 ° power 13 dBm		**Dimensions (H / L / W):** central unit 10,8 x 11 x 10,2 cm
	Brightness control: 33% night 100% daytime						**Weight:** 0,25 kg
	Power supply: 12 V_{dc}				**Type of power:** network / photovoltaic panel / public network		**Temperature:** -20 °C - +85 °C

Code: 205600058

Code: 205600016

Code: 205600005

Code: 205600025

technical datasheet

accessories

Code: 201900206

Code: 201900201

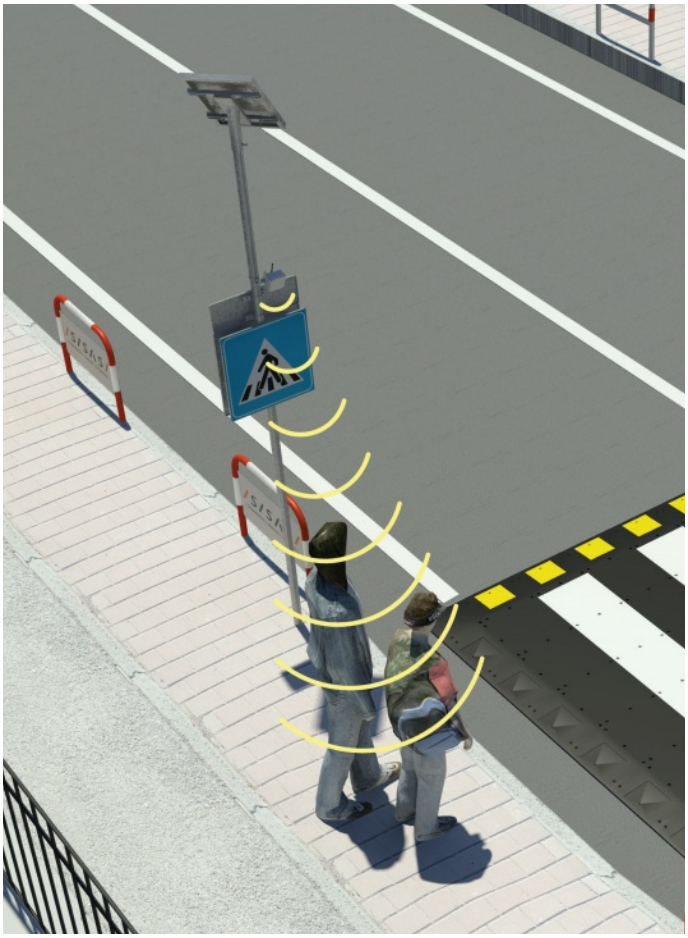
Code: 200300008

Code: 205600015

Code: 205600018

Code	Description
201900206	Double Ø 100 mm tri-flash flashing lights
201900201	Double Ø 200 mm tri-flash flashing lights
203000035	20W photovoltaic kit
205600015	Call button
205600018	Pedestrian save control unit

Code	Description
205600016	Couple of pedestrian save
205600005	Couple of pedestrian save for photovoltaic system without sign
205600025	Couple of pedestrian save for network system without sign
205600058	Couple of pedestrian save with street light



Pedestrian Alert Box

Description:
Flashing security system for pedestrian crossings with or without ALL-IN ONE sensor that relieves the presence of pedestrians. The device is mainly used in street areas with high flow of pedestrians especially near schools, shopping centers, parks, rail stations, sports halls etc.
The system starts working when the sensor relieves the presence of a pedestrian at the edge of the pedestrian crossing activating the lamps at both sides of the street.

Strengths:
Easily installation in existing road signs.
Thanks to the homologated modules at radio frequency, the device does not need any electrical connection.
The tri-flash LED optics guarantee the maximum efficiency warning the driver of the presence of a pedestrian.
Available with or without sign and with white or black tape application.

UNI	**Certifications:** Optics in compliance with UNI EN 12352		**Power supply:** 12 V_{dc}
	Type of battery: network / photovoltaic panel / public network / battery		**Box:** metallic black painted box with brackets
	Light source: 2 led optics with flashing and triflash luminous mode		**Dimensions:** 60 x 23,5 x 9,5 cm

accessoires

Code	Description
203000029	20 W photovoltaic panel Fast-On
203000030	50 W photovoltaic panel Fast-On
203200016	60 mm uiversal solar panel support
203200004	10A charge controller
200200019	Public network power supply kit (18Ah)
200200017	Feeder 54W 12V
205600018	Pedestrian save control unit

technical datasheet

RoHS 2002/95/EC

Codice	Descrizione
205600056	Pedestrian Alert Box with Ø 100 mm led optics
205600057	Pedestrian Alert Box with Ø 200 mm led optics

Pedestrian Alert

Description:
Flashing security system for pedestrian crossings. The device is mainly used in street areas with high flow of pedestrians especially near schools, shopping centers, parks, rail stations, sports halls etc. System without pedestrian sensor.

Strengths:
Easily installation in existing road signs. The tri-flash LED optics guarantee the maximum efficiency warning the driver of the presence of a pedestrian crossing. Available with or without sign and with white or black tape application.

	Certifications: Optics in compliance with UNI EN 12352		**Power supply:** 12 V_{dc}		**Luminous intensity regulation:** variable intensity depending on ambient light
	Light source: 2 led optics Ø 100 mm, with 32 high luminosity led		**Type of battery:** 18Ah		
	Luminous emission: yellow flashing light		**Autonomy:** 160 h with standard flashing; 500 h with flash		**Weight:** 22,5 Kg
	Luminous intensity: Class L2H		**Twilight:** absent		**Temperature:** -15 °C - +85 °C

technical datasheet

RoHS 2002/95/EC

accessories

Code: 201900206

Code: 203000035

Code	Description
201900206	Double Ø 100 mm tri-flash flashing lights
203000035	20W photovoltaic kit

Code	Description
205600038	Pedestrian alert with 20W solar panel and double Ø 100 mm tri-flash flashing lights couple

Pedestrian Light with and without case

Description:
High visibility LED lens for pre-signaling pedestrian crossings. The device has the purpose to advice the driver to slow down, because of the presence of a pedestrian crossing.

Strengths:
Easy to install on a sign (without case) and on poles (with case), the LED lens guarantees high brightness and low consumptions.
We suggest the use with products related to the pedestrian save.

	Light source: nr. 180 LEDs with pedestrian shape		**Type of power:** network photovoltaic panel public network battery		**On/off switch:** absent
	Light emission: yellow flashing light				**Dimensions (H / L / W):** 34 x 34 x 4 cm 34 x 34 x 22 cm (with case)
	Luminous intensity: 1400 cd		**Twilight:** absent		**Weight:** 1,2 Kg / 2,1 kg (with case)
	Power supply: 12 / 24 V_{dc}		**Luminous intensity regulation:** variable intensity depending on ambient light		**Temperature:** -15 °C - +85 °C

technical datasheet

Code	Description
201900311	pedestrian light with case
201900252	pedestrian light without case

Led Light Ø 200 mm with Arrow-Cross

Led warning lights for special applications

Description:
Bicolor Led light with 200 mm diameter used to be mounted in signs for special applications. The light is composed by 40 high intensity green leds to create the cross and by 48 red color leds to create the arrow. The product is available in 3 versions: only the board to be mounted in existing signs, with or without the orange housing depends on the application the customer needs.

Strenghts:
Simple to install, low consumption.

	Dimensions: Optic diameter 200 mm		**Light source:** Arrow shape 40 green leds Cross shape 48 red leds		**Power supply:** 12 V_{dc}
	Consumption: Red medium 240 mA Green medium 280 mA		**Type of power:** network; photovoltaic panel; public network		**Temperature:** -20 °C - +85 °C

technical datasheet

Code	Description
201900385	Arrow-cross led optic green/red Ø 200

Interactive Signals "One Way"

Description:
This system has been developed in order to relieve and show wrong direction way. The kit is composed by a radar sensor for detecting vehicles coming in the wrong way.
Mainly used in highway entries, one way urban streets.
The item includes:
- Radar sensor
- 105x105 aluminum sign with EG tape
- 4 led lights 100 mm
- Brackets for 60 cm pole
- Power supply not included

Strengths:
Non-invasive installation, LED optics at high brightness, reduced consumptions.

	Certifications: Optics in compliance with UNI EN 12352		**Power supply:** 12 V_{dc}		**On / off switch:** absent
	Light source: Ø 100 mm 4 led optics		**Type of power:** batteries / photovoltaic panel / public network		**Dimensions (H / L / W):** 105 x 105 x 6 cm central unit 30 x 22 x 12 cm
	Luminous emission: yellow flashing light		**Consumptions:** medium 140 mA maximum 650 mA		**Weight:** 10,2 Kg
	Luminous intensity: Class L2H		**Twilight:** absent		**Temperature:** -15 °C - +85 °C

technical datasheet

Code	Description
205600010	One Way

Interactive Signals "Ice 500"

Description:
Electronical device used to relieve the presence of ice, with control of the temperature and humidity. The two optics activate themselves if the temperature goes under a threshold.

The item includes:
- Humidity sensor
- 60x90 aluminum sign with HI tape
- 2 led lights 100 mm
- 20W solar panel kit
- Brackets for 60 cm pole

Strengths:
Non-invasive installation, LED optics at high brightness, reduced consumptions, remote version for signaling the presence of ice.

	Certifications: Optics in compliance with UNI EN 12352		**Power supply:** 12 V_{dc}		**On- off switch:** absent
	Light source: Ø 100 mm 2 led optics		**Type of power:** network / photovoltaic panel / public network		**Dimensions (H / L / W):** sign 90 x 60 x 6 cm unit 30 x 22 x 12 cm
	Luminous emission: yellow flashing light		**Consumption:** medium 25 mA maximum 450 mA		**Weight:** 19 Kg
	Luminous intensity: Class L2H		**Luminous intensity regulation:** variable intensity depending on ambient light		**Temperature:** -15 °C - +85 °C

technical datasheet

Code	Description
205500019	Ice 500

DTS System
DTS Slim on Mobile Trailer

Description:
Mobile trailer for monitoring the traffic based on 24 Ghz non-invasive radar technology, it is able to detect the approaching vehicles and to show their speed in its led display.
There are two different options with amber color or with bicolor (red/green) display. Its usage is suggested in work zones, near schools, industrial areas, driving schools, accidents sites and in any place where it is necessary a quickly intervention to secure the road.

Strenghts:
Mobile system very easy to use and place thanks to its small trolley and large wheels that grant a very good stability and protect the power supply battery.

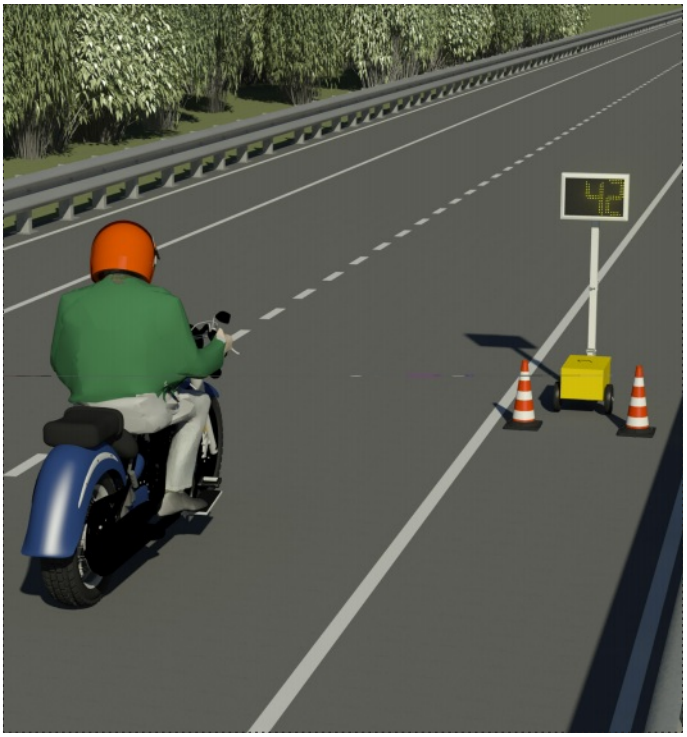
Technical datasheet

RoHS 2002/95/EC

	Display: Display with 3 numeric characters h 27 cm Led color Amber mono-color Red and Green bi-color		**Brightness control:** dynamic		**Consumption:** maximum: 2,50 A minimum: 0,04 A		**Dimensions (H / L / W):** Closed 55,5 x h70 x 72 cm Open h172 cm
			Power supply: 12 V_{dc}		**Type of power:** Battery 12 V		**Container:** Light color aluminum front screen in transparent polycarbonate front opening
	Communication interfaces: RS232; USB; RS485; GSM depending on the version		**Weight:** 39 kg without batteries		**Sensor:** doppler radar 24Ghz		**Temperature:** -15 °C - +85 °C

spare parts

Code	Description
203400026	Power supply Battery charger 12 Volt 18 Ah
200400010	Power supply Battery charger 12 Volt 40 Ah
200200019	Public network power supply kit (18Ah)
205000098	Resealable trailer



Code	Description
205500003	DTS Slim on mobile trailer

DTS System
DTS Slim

Description:
Device able to monitor the traffic based on 24 Ghz non-invasive radar technology, it is able to detect the approaching vehicles and to show their speed in its led display. It warns the driver that his speed is too high and catch his eye to warn of a possible danger or to inform the driver that he is exceeding the speed in that road. It is suggested to be used as speed dissuader next to schools, high density traffic roads, danger spots, road tools.

Strenghts:
The slim aluminum case grants a light weight and a reduced size. The aluminum permits also a longer life and an higher resistance to weathering. The led display grants low consumption.

	Lenses: double flashing light Ø 100 mm; double flashing light Ø 200 mm		**Brightness control:** dynamic		**Consumption:** slim: min 0,04A - max 2,5A; slim plus: min 0,1A - max 5,1A		**Dimensions:** slim: 55x39,5x10 cm; slim plus: 65x57,5x10 cm
	Display: nr. 3 display h 27 cm		**Power supply:** 12 V_{dc}		**Type of power:** network / photovoltaic panel / public network		**Weight:** slim: 6,5 kg slim plus: 8 kg
	Display color: amber		**Communication interfaces:** RS232; USB; RS485; GSM		**Sensor:** doppler radar 24Ghz		**Temperature:** -10 °C - +70 °C

Technical datasheet

RoHS 2002/95/EC

spare parts

Code: 203000004

Code: 200200019

Code: 200200018

Code: 201900201

Code: 200200017

Code: 202900012

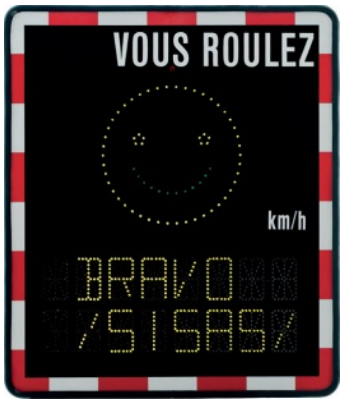
Code: 201900206

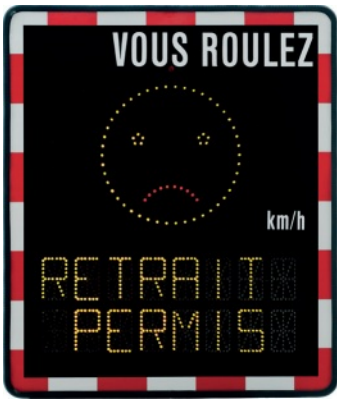
Code	Description
203000004	50W photovoltaic kit
200200019	Public network power supply kit (18Ah)
200200018	Public network power supply kit (40Ah)
200200017	Feeder 54W 12V
202900012	SD Card max 4 GB
201900206 / *201900201*	Double tri-flash synchro optic Ø 100 mm / *Ø 200 mm*

Code	Description
209086109	DTS Slim B Matrix network with plate 90x135 cm
209081303	DTS Slim B Red Color Matrix with solar panel without plate
209086109	DTS Slim B Matrix with solar panel with 90x135 cm plate

Code	Description
209006103	DTS Slim Matrix network without plate
209006301	DTS Slim Matrix network with plate 100x150 cm
209006303	DTS Slim Matrix with solar panel without plate

DTS System
“DTS 600”





technical datasheet

Description:

Device based on radar technology able to relieve the speed of an approaching vehicle and show it through a display with a message in two lines and with a smile. It is possible to see the messages related to the vehicle speed (fines or loss of points). Used as speed limit display near schools, main roads, crossings, highway tollbooths. It performs the classification and the counting of the vehicles, generating statistical files such as: date, time, speed and counting.

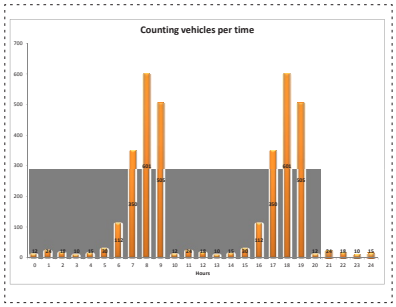
Strengths:

Data storage on external memory, programmable LED display, handling luminous signals (LED lamps). Box with reflective tape for better visibility.
Custom-made system.

RoHS 2002/95/EC

	Display: 2+1 / 2 Led colour: amber		**Brightness control:** dynamics or steady		**Consumption:** medium: 500 mA maximum: 1,3 A		**Dimensions (H / L / W):** 68 x 80 x 11 cm
			Power supply: 12 V_{dc}		**Type of power:** network / photovoltaic panel / public network		**Weight:** without batteries 19 kg
	Display colour: yellow, red, green		**Communication interfaces:** USB / RS232 / RS485 / GSM		**Sensor:** doppler radar 24Ghz		**Temperature:** -15 °C / +85 °C

WiFi Bluetooth



Code	Description
203000005	110W photovoltaic kit
200200019 / *200200018*	Public network power supply kit (18Ah) / *Public network power supply kit (40Ah)*
204500217 / *205500114*	GSM module / *GSM module antenna*
202900012	SD card
205500103	Blue tooth adapter

accessories

Code: 203000005

Code: 204500217

Code: 205500114

Code: 205500103

Code: 202900012

Code: 200200019

Code: 200200018

Code	Description
209119200	DTS 600 public network

DTS System
“DTS 600 Small”

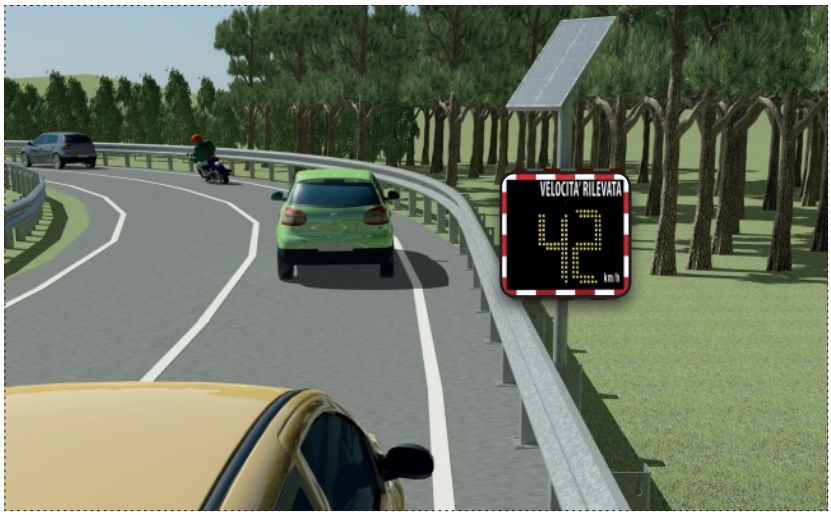
Description:
Device based on radar technology able to relieve the speed of an approaching vehicle and show it through a display and with a smile. Used as speed limit display near schools, main roads, crossings, highway tollbooths. It performs the classification and the counting of the vehicles, generating statistical files such as: date, time, speed and counting.

Strengths:
Data storage on external memory, programmable LED display, handling luminous signals (LED lamps). Box with reflective tape for better visibility.
Custom-made system.

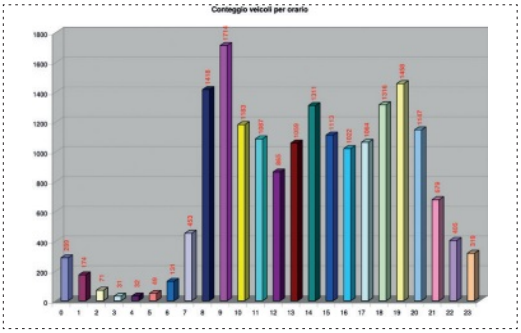
technical datasheet

RoHS 2002/95/EC

	Container: black aluminum box with glare front screen; transparent polycarbonate cover; rear doors with key; it can be installed on poles with omega brackets		**Brightness control:** dynamics or steady		**Consumption:** maximum: 1,8 A / medium: 1,2 A minimum: 0,18 A		**Dimensions:** 57,0 x 68,0 x 11 cm
			Power supply: 12 V_{dc}		**Type of power:** network / photovoltaic panel / public network		**Weight:** 14 kg (without batteries)
	Display: numerical: 3 digits 45,0 x 32,5 cm amber colour		**Communication interfaces:** USB / RS232 / RS485 / GSM		**Sensor:** doppler radar 24Ghz		**Temperature:** -15 °C - +85 °C



WiFi Bluetooth GSM



Code	Description
203000022	90W photovoltaic kit with Ø 90
203000023	110W photovoltaic kit with Ø 90
200200019	Public network power supply kit (18Ah)
203200004	10A charger controller
204500217	ADD SIM 900 GSM module
200300015	12 Vdc. 18 Ah battery

accessoires

Code: 200200019

Code: 203000022

Code: 203000023

Code: 204500217

Code: 203200004

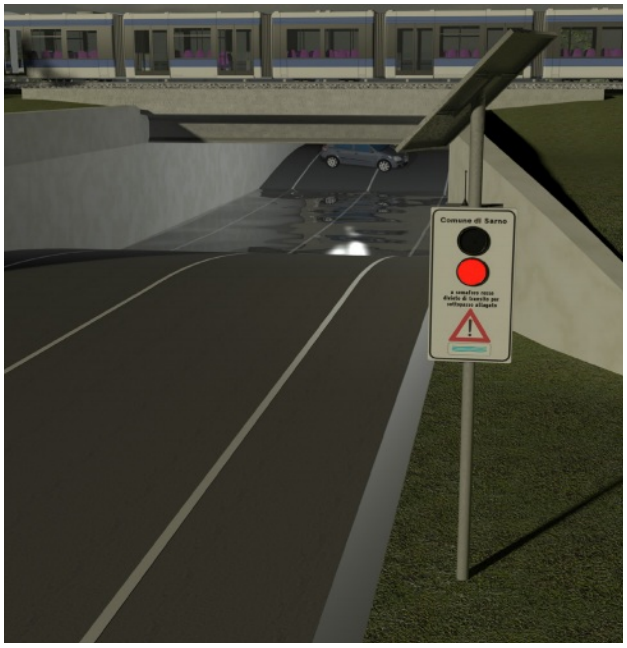
Code: 200300015

Code	Description
209319200	DTS 600 Small

FAS 101 - Radio Subway Flooding System

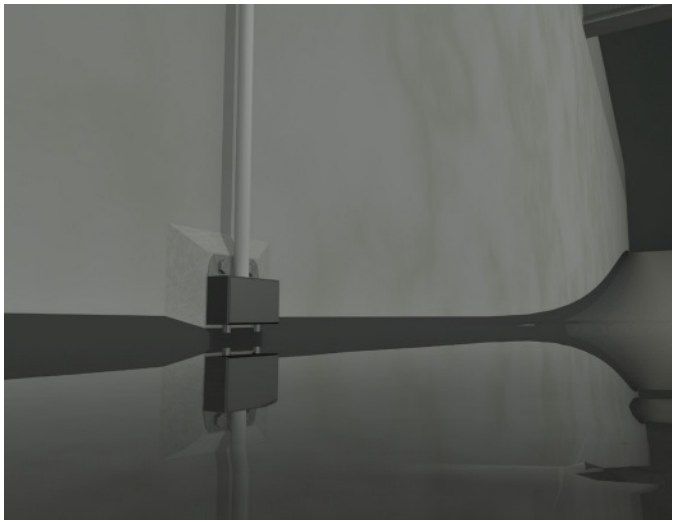
Description:
The Flooding Alarm System is a sophisticated modular alarm system designed to protect the drivers against the risk of subway flooding. The high reliability analogical-digital sensor is able to detect the eventual flood and to generate in the real time an alarm that can be sent to a control unit located outside the subway.
The control unit is power supplied with a tampon battery or through a solar panel and it can activate led lights, sensors, traffic lights or any other devices located at the entrance of the subway to warn the drivers about a danger.
The control unit can also send warning messages to the Security Services with an sms.

Strengths:
Reliability of the system, without any cable for the installation, it makes the perfect product to be used to secure eventual dangerous subways with a low cost of installation and maintenance.

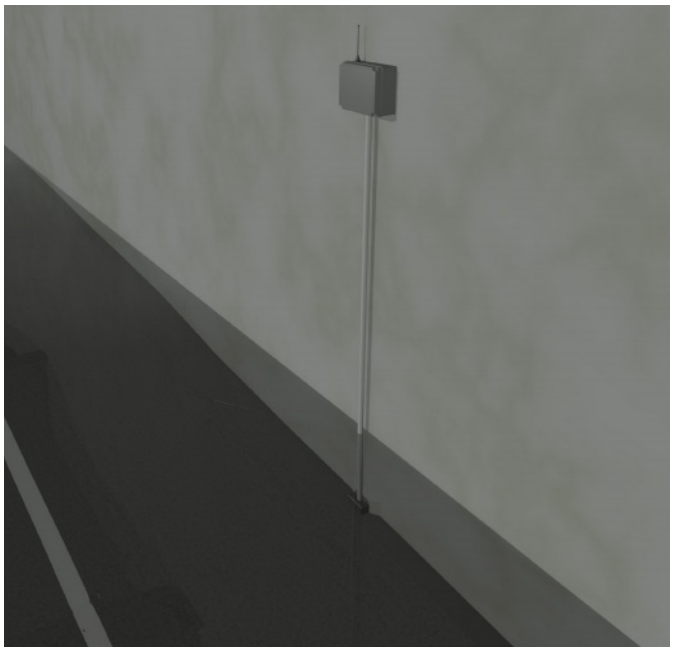


	Light source: Optic effect; flashing light; triflash light		**Type of power:** network; photovoltaic panel; public network
	Communication interfaces: Radio Module 868 Mhz		**Power supply:** 12 V_{dc}

technical datasheet



Code	Description
205500174	Flooding probe and radio control unit
205500170	Master Flooding Sign
205500171	Slave Flooding Sign



Code	Description
203000022	Photovoltaic kit with Ø 90 mm pole
200200019	Public network power supply kit 18Ah
200200017	Feeder 54W 12V
204500217	GSM module

accessoires

Code: 200200019

Code: 200200017

Code: 203000022

Code: 204500217

Monitoring "Compact 1000 JR"

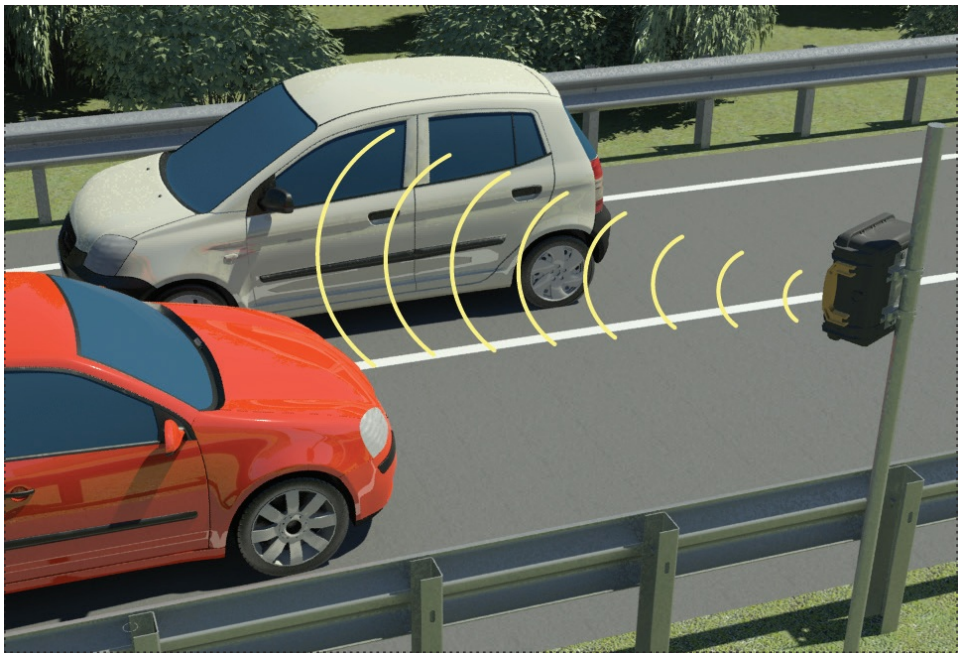
Description:
Mobile system, with integrated radar technology, used for monitoring and classification of the traffic, installation on a pole beside the road or using any type of support.
The system permits to identify vehicles in two lanes or even in two opposite directions. Mainly used for short monitoring, it generates statistical data files about the mobility such as: date, time, speed, counting vehicles and the classification of the traffic.

Strengths:
Non-invasive system, with small dimensions, it can be positioned on any kind of support, easy to install without making troubles to the vehicles. Low consumptions with relieve time until 9 days. Simple elaborating data file.

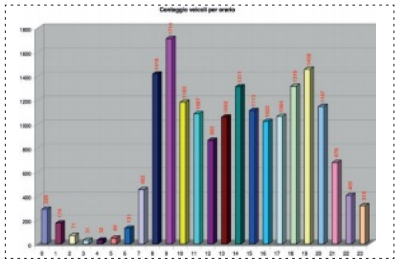
	Power supply: 12 V_{dc}		**Type of power:** 12V_{dc} 18Ah battery		**Dimensions (H / L / W):** 33,5 x 30 x 16 cm
	Communication interface: RS232, bluetooth		**Sensor:** doppler radar K-Band horizontal opening 12 ° vertical opening 25 ° power 20 dBm		**Weight:** 2,9 kg
	Consumption: max: 0,065 A				**Temperature:** -20 °C - +85 °C

CE RoHS 2002/95/EC

technical datasheet



WiFi Bluetooth



Optional Accessoires:

Code	Description
203000004	50W photovoltaic kit
200200019	Public network power supply kit (18Ah)
200200018	Public network power supply kit (40Ah)
204500217 *205500114*	GSM Module *Antenna GSM Module*
202900012	SD Card
205500103	Bluetooth serial port
205500111	Installation kit for compact 1000 jr

accessories

Code: 203000004

Code: 204500217

Code: 205500114

Code: 200200019

Code: 200200018

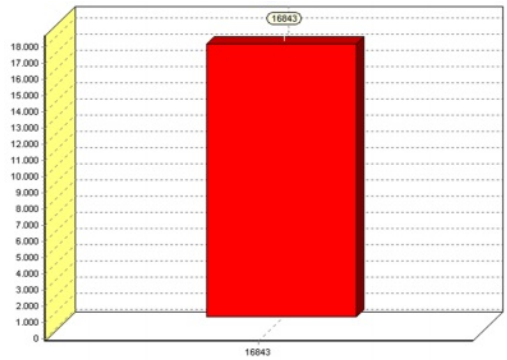
Code: 205500103

Code: 202900012

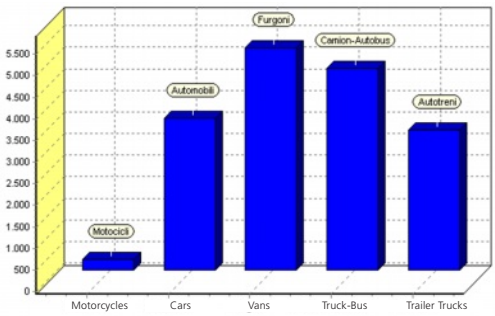
Code	Description
205500085	Compact 1000 JR

Traffic Monitoring Statistics Compact 1000 JR

Total Passages: 16.843



Vehicle Classes



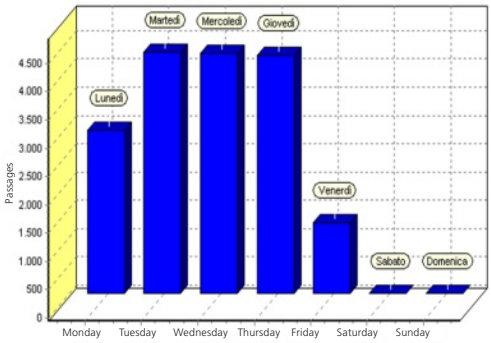
Detected passages: 16843

Motorcycles: 00246
Cars: 03517
Vans: 05154
Truck-Bus: 04685
Trailer Trucks: 03241

Percentages:

% Motorcycles: 1,46
% Cars: 20,8
% Vans: 30,6
% Truck-Bus: 27,8
% Trailer Trucks: 19,2

Daily Passages



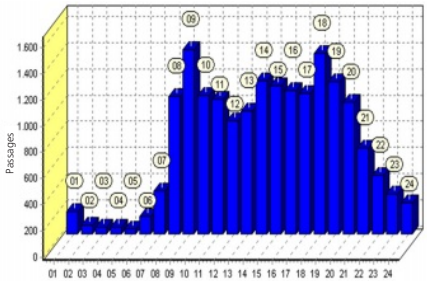
Daily distribution:

Monday: 02890
Tuesday: 04261
Wednesday: 04237
Thursday: 04199
Friday: 01256
Saturday: 00000
Sunday: 00000

Percentages:

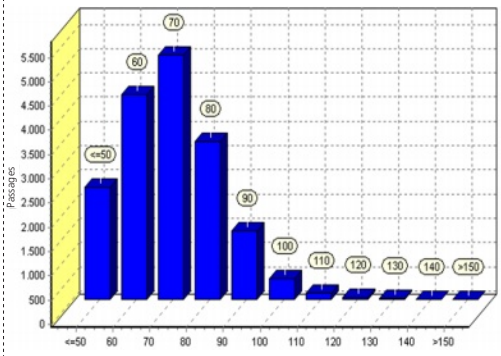
% Monday: 17.1
% Tuesday: 25.2
% Wednesday: 25.1
% Thursday: 24.9
% Friday: 7.45
% Saturday: 0
% Sunday: 0

Vehicle Classes Passages



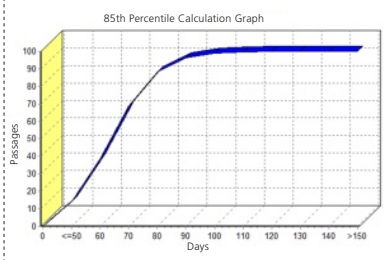
Time	N°	Perc.
01:00	00174	1.03%
02:00	00067	0.39%
03:00	00054	0.32%
04:00	00052	0.30%
05:00	00039	0.23%
06:00	00137	0.81%
07:00	00330	1.95%
08:00	01046	6.21%
09:00	01406	8.34%
10:00	01054	6.25%
11:00	01028	6.10%
12:00	00866	5.14%

Speed Classes Classification



Speed	N°	Perc.
<=50 km/h	02313	13.7%
60 km/h	04230	25.1%
70 km/h	05039	29.9%
80 km/h	03254	19.3%
90 km/h	01405	8.34%
100 km/h	00422	2.50%
110 km/h	00126	0.74%
120 km/h	00038	0.22%
130 km/h	00014	0.08%
140 km/h	00001	0.00%
>=150 km/h	00001	0.00%

85th Percentile Calculation Graph



Km/h	Vehicles	f%	Fc%
50	2313	13.7	14.0
60	4230	25.1	38.8
70	5039	29.9	68.8
80	3255	19.3	88.1
90	1405	8.3	96.4
100	422	2.5	98.9
110	126	0.7	99.7
120	38	0.2	99.9
130	14	0.1	100.0
140	1	0.0	100.0
150	1	0.0	100.0

Photovoltaic Kit 20 W

Description:
It is a power supply device used to guarantee the working of the luminous devices, composed by: one battery, charge controller, battery container and pole attachment.
Strengths:
Environmentally, 0 emissions, reduced maintenance, increased performance, usable everywhere in presence of sunlight.

spare parts

Code: 201200030

Code: 203200002

Code: 200300015

Code: 203200011

Code: 203200016

technical datasheet

Panel dimensions (H/L/W):
65 x 35 x 1,6 cm

Weight:
Kit total weight Ø 60 mm: 11,9 kg
Kit total weight Ø 90 mm: 13 kg

Code	Description
203000035	20W photovoltaic kit with Ø 60 mm bracket
203000026	20W photovoltaic kit with Ø 90 mm bracket

Photovoltaic Kit 50 W

Description:
It is a power supply device used to guarantee the working of the luminous devices, composed by: one battery, charge controller, battery container and pole attachment.
Strengths:
Environmentally, 0 emissions, reduced maintenance, increased performance, usable everywhere in presence of sunlight.

spare parts

Code: 201200075

Code: 203200002

Code: 200300015

Code: 203200011

Code: 203200016

technical datasheet

Panel dimensions (H/L/W):
76 x 54 x 3 cm

Weight:
Kit total weight Ø 60 mm: 20,8 kg
Kit total weight Ø 90 mm: 22 kg

Code	Description
203000004	50W photovoltaic kit with Ø 60 mm bracket
203000024	50W photovoltaic kit with Ø 90 mm bracket

Photovoltaic Kit 110 W

Description:
It is a power supply device used to guarantee the working of the luminous devices, composed by: one battery, charge controller, battery container and pole attachment.
Strengths:
Environmentally, 0 emissions, reduced maintenance, increased performance, usable everywhere in presence of sunlight.

spare parts

Code: 201200055

Code: 203200004

Code: 200300033

Code: 203200011

Code: 203200016

technical datasheet

Panel dimensions (H/L/W):
119 x 66 x 3,5 cm

Weight:
Kit total weight Ø 60 mm: 49,5 kg
Kit total weight Ø 90 mm: 50,6 kg

Code	Description
203000005	110W photovoltaic kit with Ø 60 mm bracket
203000023	110W photovoltaic kit with Ø 90 mm bracket

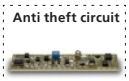
Solargen Battery Charger

Description:
It is indicated to manage and regulate power systems with 12 or 24V, optimizes battery charge according to: outside temperature, the type of battery and the solar panel used.

Strenghts:
Protection of inputs, the innovative version with alarm blocks the solar panels in case of theft.

accessories

Anti theft circuit



RoHS 2002/95/EC

technical datasheet

Power supply:
12 / 24 v

Dimensions (H/L/W):
10,6 x 9 x 5,8 cm

Consumption:
Maximum current: 15 A
Minimum voltage: 7V

Weight:
0,2 Kg

Code	Description
203200015	Solargen Battery charger

Photovoltaic Kit

Notes:

General Sales Conditions

We can not fill orders with total amount less than 250 €. For orders that are lower than this amount Sisas will decide if accept them or not, anyway Sisas will inform in a very short time the customer about this decision.

Orders
The orders can be considered accepted after "order confirmation" reception from the customer.
SISAS declines any responsibility for any mistakes due to fail or insufficient indications on the purchase orders.

Delivery
For quick filled of an order we suggest to order the items per box.
The items in the present catalogue are usually ready to be sold.
The delivery date must be considered indicative and if not respected, for different reasons, can not be considered a cause of redraft. We will not deliver any goods if there is from the customer any overdue invoices.

Shipments
All the shipment cost will be charged to the customer.

Packaging
Free of charge, except for special workmanship.

Claims
It is up to the consignee check the goods when arrived in the warehouse and immediatly inform the forwarder of any lackings or breakings.
We are not responsable for damages caused during the journey if not reported in the forwarder's documents.
Claims must be made within 8 days from the collecting of the goods.
Any claims and objections of the goods can not exempt the costumer to collect any remaining goods in the order.

Sales returns
In any case, if not authorized by our sales department in written, the costumer can re-send the goods back to the supplier.
The goods returned back must be undamaged in their original packages.

Warranty
In case of proved defective goods, according to the decision of the supplier, it will be managed to replace or issue a credit note of the authorized amount.
We will not accept any retuned goods sent without this authorization.

Payment
The payment will be agreed together with the supplier at the moment of the order.

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