

SRL-SM30/3



TECHNICAL FILE

"Speed Meter" system with 3 digits of 30 cm height.

PRODUCT IDENTIFICATION

Product	SRL-SM30/3
Functional Characteristics	"Speed Meter" system with 3 digits of 30 cm height.

PRODUCT SPECIFICATIONS

Advantages	<ul style="list-style-type: none"> ▶ Solar or Electrical powered system; ▶ Automatic brightness: <ul style="list-style-type: none"> ▪ Automatic adjust of brightness on transition between day/night. ▶ High brightness LED's; ▶ Constant current drivers to maximize the life time of the Led's; ▶ LED's protected by polycarbonate window; ▶ Low maintenance; ▶ Multiple detections per vehicle; ▶ Configuration interface independent of the system; ▶ Low power consumption; ▶ High reflective 3M vinyl; ▶ Easy installation; ▶ Configurable: <ul style="list-style-type: none"> ▪ Adjustable minimum and maximum speed of detection; ▪ Adjustable brightness for day and night; ▪ Adjustable visualization time; ▪ Adjustable night detection;
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DETECTION CHARACTERISTICS

Radar Specifications	<ul style="list-style-type: none"> ▶ Technology: <ul style="list-style-type: none"> ▪ CW Doppler Radar; ▶ Frequency: <ul style="list-style-type: none"> ▪ K-Band 24GHz; ▶ Range of Detection: <ul style="list-style-type: none"> ▪ Up to 180m (depending on sign mounting); ▶ Mounting Height: <ul style="list-style-type: none"> ▪ 2 – 5m (optimum 3m); ▶ Detection Speed: <ul style="list-style-type: none"> ▪ 16km/h – 199km/h;
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ELECTRICAL POWER CHARACTERISTICS

Power Supply	LPV-60-12
Quantity	1 unit
Output	12V / 5 A

Electrical Power Consumption

Power consumption varies depending from chosen visualization time and brightness.

Brightness	Visualization Time		
	Minimum (100ms)	Default (500ms)	Maximum (900ms)
Default Day Brightness (Level 9)	19.32W	30W	33.8W
Default Night Brightness (Level 1)	11.5W	12.2W	12.4W

*The power consumption in standby is : 11W:

OPTICAL CHARACTERISTICS

Number of LED' s	240 LED's
Type LED	CREE 5mm
Colour LED	Amber
Viewing angle	30°
Led Brightness Intensity	Min.: 5860 mcd Max.: 8200 mcd

MECHANICAL CHARACTERISTICS

Dimensions	710 x 540 x 150 mm
Material	<ul style="list-style-type: none"> ▶ Aluminum housing; ▶ Polycarbonate front window; ▶ 3M Reflective vinyl;
Installation Height	<ul style="list-style-type: none"> ▶ 3m height (Recomended)