

SRL-SM25/2-AR



TECHNICAL FILE

Solar powered "Speed Meter" system with 2 digits of 25 cm height and 2 colors of LEDs

PRODUCT IDENTIFICATION

Product	SRL-SM25/2-AR
Functional Characteristics	"Speed Meter" system with 2 digits of 25 cm height and 2 colors of LED's.

PRODUCT SPECIFICATIONS

Advantages	<ul style="list-style-type: none">▶ Electrical or Solar powered system;▶ Automatic brightness:<ul style="list-style-type: none">▪ Automatic adjust of brightness on transition between day/night.▶ High brightness LED's;▶ Amber and Red LED's:<ul style="list-style-type: none">▪ To maximize the attention of drivers to their speed.▶ 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 speed limit (Amber – below the speed limit; Red – above the speed limit);▪ 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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OPTICAL CHARACTERISTICS

Colour LED	Amber	Red
Number LED' s	210	210
Type LED	CREE 5mm	CREE 5mm
Viewing angle	30°	30°
Led Brightness Intensity	Min.: 5860 mcd Max.: 8200 mcd	Min.: 4180mcd Max.: 8200mcd

MECHANICAL CHARACTERISTICS

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