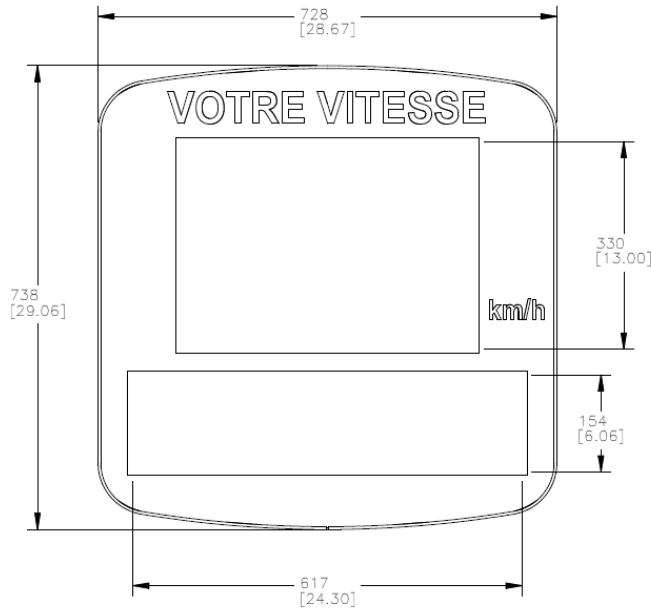
	Product Code : RAD50	
	Product Name: Radar speed sign, colored speed with, amber message	
	Created: 14/11/2023	By: E. Gauthier
	Revised:	By:
Technical Specification	<u>Comments</u>	



Overall Dimensions

Height: 29.1" (740mm)
Width: 28.7" (730mm)
Depth: 4.0" (100mm)

Speed Display: 13.00" x 18.40" (330 x 465mm)
Message Display: 6.00" x 24.3" (150 x 615mm)

Weight: 12 lb (5.5kg) Display
63 lb (28.5kg) Solar power supply

Electrical Features

- Three-digit speed display (1-8-8) in 7 segments, traffic color LED's (red, amber and green).
- Message display in amber, full matrix, 16 x 64 pixels, up to two lines of text; up to five messages per speed range.
- Display intensity adjusted to ambient light
- Display turns off above at defined thresholds, user adjustable. May be turned off for sampling.
- Radar range of up to 1km. Measures incoming or bidirectional traffic.
- Manual setting of speed limit on site.
- Wireless settings and data download, by laptop, mobile phone, or tablet
- Choice of power supply :
 - Utility 120VAC: includes converter AC-DC converter, without batteries.
 - Lighting 347VAC: ballast and battery charge for one battery AGM 12V-10Ah.
 - Solar: 100W panels and 2 batteries AGM 12V-24Ah each. 5 days battery life without solar input
- Remote display management and data downloading with 4G modem optional.

Mechanical Features


- Anti-UV ABS enclosure.
- Clear polycarbonate window 1/8" (3mm).
- Aluminum support and stainless-steel hardware.
- Operating temperature -40°C to 65°C.

Product references and options

RAD50

Ex: RAD50S

A	Utility power supply PSPAC100-50
B	Lighting power supply PSP347
S	Solar power supply PSP100

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Spare parts

- Solar Panel, 100W
- Battery, 12V-24Ah

PS1014

PS2036