THIN-12C COMPACT RADAR SPEED FEEDBACK SIGN

(RESIDENTIAL-INDUSTRIAL & COMMERCIAL)

The THIN-12C is a speed feedback sign displaying the maximum speed and the vehicule speed on the same sign. It is as light and thin as a standard traffic sign (3.25 mm, 0.125" thick) which allows it to be installed on any signpost and thus save on installation costs. The radar also serves as a traffic analyzer and can classify four different types of vehicles by speed and period. A very effective traffic calming device for industrial, residential and commercial environnement.













FEATURES OF THE THIN-12C RADAR SPEED FEEDBACK SIGN



Radar and data collector

Built-in control menu to quickly manage basic parameters and data collection.

Aluminium
Light and resistant.
Installs like a standard

Reflective sheeting

High Intensity, Type III or Diamond grade, Type XI reflective sheeting.

Photocell

Adjusts brightness automatically.

Controller

traffic sign.

integrated into the sign.

12" Amber Digits

Powerfull LEDS integrated into the sign. Unique 7 segments to get a real 12" digits heights for each number.

Shield Protector

Offers Protection against inclement weather and vandalism.

Also limits light angularity.

Snap-in Connector

Small enough to be hidden inside pole. IP 67 protection.





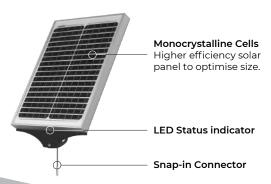




Four Colors

According to MUTCD standards and application.

FEATURES OF THE SOLAR POWER UNIT (ALL-IN-ONE & PLUG-AND-PLAY)



Lithium LifePo4 battery

Light and slim.

10 years life expectancies.

Maintenance free

MPPT Charger

Increases charging efficiency by minimum 20% compared to PWM.

Universal mounting bracket

Top or side of pole installation. 360 degree swivel.



Stat Expert Software

Traffic analyser software included. Compatible with Windows 7 & 10. Record more than a million measurements. Five pre-built reports. Detect four types of vehicle categories. Bluetooth collection (optional).





TECHNICAL SPECIFICATIONS OF THIN-12C RADAR SPEED DRIVER FEEDBACK SIGN

13.75 in

Solar Power Unit (All-in-one)

Monocrystaline Solar Panel 30 watts
LifePo4 Battety 12.8V - 13.5Ah
Solar charger MPPT, 10 A, IP67

Connector 10mm OD, Female, 6 in, IP67 Operating temperature -40 to + 165°F (-40 to +74°C)

Weight 7.7 kg (17 lb)

Radar Driver Feedback Sign

Radar Doppler

Range Between 164' (50 m) and 1000' (300m)

Width 12°H x 24°V

Data aquisition Bidirectional

Precision +/- 1 Km/h

Wireless communication Bluetooth, 160' (50m) range

LED angularity 30 degrees
Color of LED Amber

Visibility More than 1000′ (300m)

Auto-dimming Variable based on ambient light

Voltage in 10,8 to 15 VDC

Max. power consumption 36 Watts

Strobe color (optional) White

Connector 10mm OD, Male, 6 in, IP67

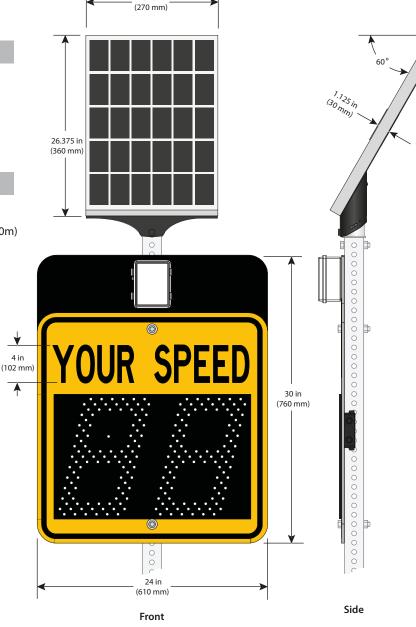
Back Plate Aluminium 0,125" (3mm) 5052H38

Sign face (yellow or white)
Sign face (orange or green)
Type XI reflective sheeting
Type XI reflective sheeting

Shield Protection .188" (5mm) Polycarbonate (black)

Waterproof rating IP65

Operational temperature -40 to +149°F (-40 to +65° C)



Product Number	Description B	ox : Dimenson - Weight	HSS Code
Assembly Kit			
# 100 PM	White background, Radar Driver Feedback Speed Sign, 30W solar power un	t 32 x 32 x 8 in - 30 lb	8530.90
	Yellow background, Radar Driver Feedback Speed Sign, 30W solar power ur	it 32 x 32 x 8 in - 30 lb	8530.90
	Yellow/Green backgr., Radar Driver Feedback Speed Sign, 30W solar power	ınit 32 x 32 x 8 in - 30 lb	8530.90
∅ 📆	Orange background, Radar Driver Feedback Speed Sign, 30W solar power u	nit 32 x 32 x 8 in - 30 lb	8530.90
Radar Options			
438152	White Strobe installed on top of the radar	Kit box (+ 2 lb)	N/A

Included with Assembly Kit: Installation hardware for 2" Telespar post, 2-3/8" round pole, U-Post or streetlight pole. 30 in (760 mm) Smart USB Dongle required to change configuration of the speed radar display thin sign. Two (2) years Limited Warranty against defects in workmanship and materials.