Brimar INDUSTRIES

Thin Radar Speed Feedback Signs

EDUCATIONAL TOOL

REDUCE EXCESSIVE SPEEDS BY UP TO 30%

DATA COLLECTION

MUTCD COMPLIANT

Designed & Manufactured in North America HIGH QUALITY

FEATURES OF THE THIN RADAR SPEED FEEDBACK SIGN

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

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

Photocell
Adjusts brightness automatically.

12" Amber Digits
Powerful 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.

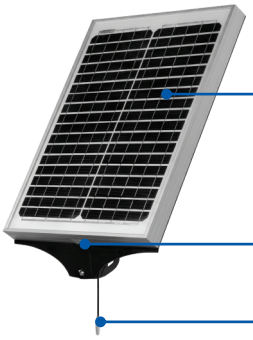
Two Colors
According to MUTCD standards and apllication.

Aluminum
Light and resistant. Installs like a standard traffic sign.

Controller
integrated into the sign.

Snap-in Connector
Small enough to be hidden inside pole. IP 67 protection.

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



Monocrystalline Cells
Higher efficency solar panel to optimise size.

LED Status indicator

Snap-in Connector

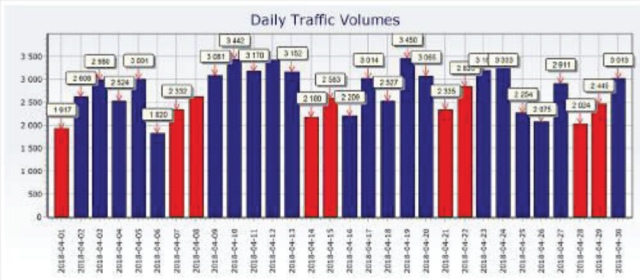
Lithium LifePo4 battery
Light and slim. 15 years life expectancies. Maintenance free.

MPPT Charger
Increases charging efficency 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 & 11.
- Record more than a million measurements.
- Five pre-built reports.
- Detect four types of vehicle categories.
- Bluetooth collection (optional).



Product Information Bulletin

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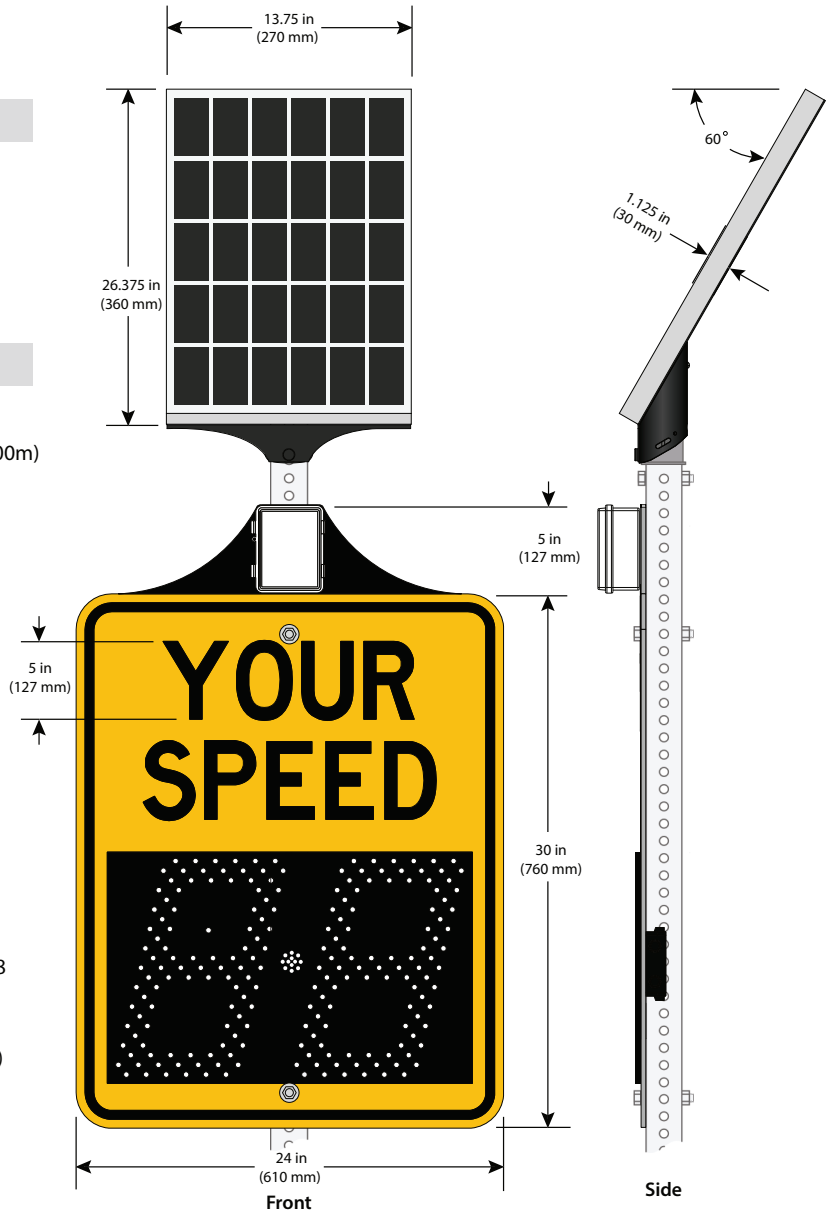
THIN-12 RADAR SPEED FEEDBACK SIGN

Solar Power Unit (All-in-one)

Solar Panel	30 Watts Monocrystalline
LifePo4 Battery	12.8V - 13.5Ah
Solar charger	MPPT, 10 A, IP67
Connector	10mm OD, Female, 6 in, IP67
Operating temperature	-40 to + 165ºF (-40 to +74ºC)
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 acquisition	Bidirectional
Precision	+/- 1 Km/h
Wireless communication	Bluetooth, 160' (50m) range
Display Size	13 x 20.5" (330 x 521mm)
Digit height	12" (305mm) - 202 LEDs
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	White
Connector	10mm OD, Male, 6 in, IP67
Back Plate	Aluminium 0,125" (3mm) 5052H38
Sign face (yellow or white)	Type III reflective sheeting
Sign face (orange or green)	Type XI reflective sheeting
Shield Protection	.188" (5mm) Polycarbonate (black)
Waterproof rating	IP65
Operational temperature	-40 to +149°F (-40 to +65° C)



DATE: ____/____/____ JOB: _____

CONTRACTOR: _____