



## PMD | Pole Mounted Display

# Control traffic speed in a community-oriented policing way

### Deploy in problem areas

Stalker's Pole Mounted Display (PMD) is a cost-effective solution for traffic calming in response to civilian complaints, or in locations where a speed reminder is adequate to slow down motorists.

- Get motorists attention
- Respond to civil complaints
- Easy to position and set up



### Get a real picture of traffic with Stalker Traffic Analyst

- Collect valuable traffic data to support Grant requests
- Demonstrate proactive enforcement in problem areas
- Provides intuitive survey and calendar setup
- Powerful reporting capabilities



**Optional Solar/battery power**



PMD shown with optional heavy duty Prismatic reflective sign front

### Stalker PMD Wizard App



The PMD is capable of pairing with a Bluetooth tablet or computer for easy programming.



stalkerRadar.com

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## Power to Enforce.



## Bluetooth or Remote Control Setup

The PMD uses a Bluetooth-capable tablet or computer, or an infrared remote control, (included) to configure the sign. The remote control is conveniently stowed in the underside of the sign in a locked access compartment.

Either the Bluetooth device or remote control can fully configure and control the PMD.



## Locking Access Door



The speed display's remote control and removable flash drive are conveniently stored inside the unit.



## Secure Mounting

The PMD is delivered with a two-piece mounting bracket.

One part mounts to the pole and covers the mounting hardware, the second part mounts to the unit. Pins and slots connect the two, and lock together, creating a secure and tamper-proof configuration.



## 5 Independent Timers

The PMD supports five independent timers which configure the sign to perform particular functions within the times selected, by an internal real time clock that allows each timer's start and stop time to be set on any date and at any time intervals.

## Power Options

The PMD can be powered by a local 110/220 VAC source, a 12 VDC battery (Group 27 deep cycle recommended), or a solar panel.

The battery does not come with the unit. The solar panel also can act as a recharger for the battery during longer service intervals.



## Specifications

### Display

Display Range .....	Up to 99 (199 option)
Display units .....	mph or km/h
Character size .....	15 inches (38 cm)
Display color .....	Amber on black background
Character type .....	7-segment, 32 high-intensity LEDs per segment
Intensity.....	Adapts to ambient light conditions
Speed Alert .....	Flashing
Speed hold time.....	2-second standard, configurable

### Radar Performance

Speed Range .....	1 – 200 mph (321.9 km/h)
Speed resolution .....	1 mph (1 km/h)
Distance range .....	1000 feet (304.8 m)
Speed accuracy .....	±0.5 mph ±0.3% (±0.8 km/h ±0.3%)
Configuration .....	Fully configurable with dedicated RS-232 port

### Radar

Size .....	4.4" x 3.9" x 1.6" (11.2 cm x 9.9 cm x 4 cm)
Environmental .....	Operate -4°F to +140°F (-20°C to +60°C) Storage -40°F to 185°F (-40°C to +85°C)
Transmit power (EIRP) .....	19 dBm (79 mW)
Antenna Gain .....	15 dBi
Transmit Frequency.....	24.125 GHz
Transmit bandwidth .....	100 MHz
Transmit Type .....	Continuous wave
Beam Width .....	Horizontal 32°, Vertical 30°

### Power

Input options .....	110 or 220 VAC, 12 VDC, or solar
Battery charging .....	External Lead Acid, with 2 amp-hour charge rate
Power usage .....	7 watts standby, 19.5 watts typical display 27 watts Peak

### Physical

Size.....	26" x 18" x 2.3" (66 cm x 45.7 cm x 6 cm)
Housing material .....	Aluminum
Weight .....	20 lbs. (9 kg)

### Environmental

Operating temperature.....	-20° to 120° F (-29° to 49° C)
Vented weather resistant housing	

### Accessories



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