



*"You're On Our Radar"*

# Enforcer™ Dash-Mount Radar System

POLICE RADAR • POLICE LASERS • SURVEY LASERS • SPEED SIGNS

### Compact Yet Highly Visible

The Enforcer, with detachable display, is among the smallest and most compact dash-mount radars on the market. With space inside a patrol vehicle at a premium, the compact Enforcer and small antennas take up less room and can be mounted anywhere in the patrol vehicle.

Enforcer is quipped with manual same direction mode, and fastest vehicle mode for detecting speeders in the presence of larger vehicles. The wired remote control has specially contoured buttons to make it easy to run the radar while driving. The overall design and operation of the Enforcer sets it apart from the competition.



## Features

## Benefits

**Manual same direction mode**

Control speeding in all traffic lanes without having to turn around.

**Fastest target mode**

No more hiding in a semi's shadow.

**POP™ technology**

Measure traffic speeds without notifying radar detectors.

**Small display with easy-to-read LEDs**

Mount anywhere in the vehicle and still easily see the speed windows.

**Ergonomic wired remote control**

Easily operate the remote with both eyes on the road.

**Black equipment housings**

Blends into the vehicle's interior for covert operation.

**Digital signal processing**

Reliable, jammer-proof and maintenance-free.

**Description:** A multi-piece radar with detachable display unit and wired remote. The ergonomic design of the remote control ensures comfort even after hours of use. Each major control function has its own uniquely contoured switch, so the operator never needs to take their eyes off of the road. All minor functions are controlled using unobtrusive, secondary switches on the remote. Other unique features include the multi-color display: green for patrol, red for target and yellow for the lock/fastest window. Same and opposite direction speed-sensing, moving and stationary modes, fastest and strongest target are all included. POP features permits usage without alerting radar detectors.

### Special Features

- Enforcer is one of the most compact radars available, with small detachable display and large multi-colored speed windows. Enforcer uses small, weatherproof, conical Ka-band antennas which can mount anywhere in the patrol vehicle.
- POP™ mode allows the operator to measure speeds in stationary mode without alerting radar detectors.
- Same direction and fastest vehicle modes allow the officer to measure speeds of vehicles while patrolling, regardless of direction.
- Selectable City and Highway modes help minimize shadowing and combining.
- Unit comes standard with wired remote, wireless remote is available as an option.
- The reliability and accuracy of the Enforcer are guaranteed by MPH industries.
- Enforcer contains the following functions and controls:
 

Power	Range Control	Antenna Select
Test	Stationary Mode	Volume Control
Squelch	Patrol Blanking	Antenna Standby
Error Detect	Same/Opposite Direction	Lock/Release
RS-232 Communication Port		Fastest/Slower

### General Specifications

- **Power:** 10.8 to 16.5 Volts DC, 0.9 Amps @ 13.6 V nominal. Fused power cable. Reverse polarity protection.
- **Speed Range:**
  - Stationary - Target:** 15 to 200 mph
  - Opposite direction moving:**
    - Patrol: 12 to 90 mph (up to 80 mph in City mode)
    - Target: 15 mph to 200 mph closing speed
  - Same direction moving:**
    - Patrol: 20 to 90 mph (up to 80 mph in City mode)
    - Target: ± 70% of patrol speed (will not measure speeds within 3 mph of patrol speed)
- **Target Distance:** Typically, one mile range for the average size vehicle. Range can vary with vehicle size, terrain, weather and traffic conditions. (Range is lower in same direction mode)
- **Speed Display:** Three LED windows simultaneously display patrol, target, and locked or fastest target speeds. Display brightness automatically adjusts to the ambient light level.
- **Display Unit Size:** 1.5" H x 5" W x 2.75" D
- **Antenna (K-band):** Modules consist of a circularly polarized, seamless conical horn antenna and shatterproof microwave lens, contained in a rugged cylindrical aluminum housing.
- **Antenna:**
  - Frequency:** 33.8GHz ± 100 MHz (Ka-band)
  - Type:** Circularly polarized, with seamless conical horn and Rexolite microwave lens.
  - Enclosure:** All-aluminum housing with a waterproof polycarbonate radome cover incorporating O-ring seals.
  - Source:** Solid state Gunn effect diode transmitter with a nominal output power level of 12 to 30 mW.
  - Power Density:** Radiated power <2 mW/cm<sup>2</sup> at 5 cm. distance from antenna
  - Mixer Diode:** Schottky barrier type related for 100 mW burnout.



The MPH Enforcer is manufactured in our Owensboro, KY facility and is in compliance with the BUY AMERICA ACT.

For more information or official documentation, contact us at [www.mphindustries.com](http://www.mphindustries.com)

**MPH Industries, Inc.**

**316 East 9th Street**

**Owensboro, KY 42303**

**[www.mphindustries.com](http://www.mphindustries.com)**

**[info@mphindustries.com](mailto:info@mphindustries.com)**

**888-689-9222**