



"You're On Our Radar"

BEE III Ka-band Dash-Mount Directional Radar

POLICE RADAR • POLICE LASERS • SURVEY LASERS • SPEED SIGNS

Compact, yet highly visible

BEE III is one of the most compact radars available, having the smallest detachable display for more mounting options and better visibility with larger, easy-to-read LED displays.

ASD™ Technology

The BEE III is equipped with patented Automatic Same Direction technology, allowing the versatility of same direction operation without a confusing faster/slower button. The BEE III calculates the speed automatically. In stationary mode, ASD allows you to select a lane of traffic to monitor while completely ignoring the other lane.



Features

Benefits

Automatic Same Direction (ASD) mode

Patented technology eliminates the faster/slower button, freeing up both hands for driving. Measures same direction traffic with extreme accuracy.

Directional stationary mode

Catch a speeder moving in a chosen direction even if there's a closer vehicle moving in the opposite direction.

Fastest target mode

No more hiding in a semi's shadow.

Tiny display with easy-to-read LED displays

Detachable display unit is small enough to mount anywhere in the vehicle, but has speed windows that are easily distinguished by size, location and color.

Ergonomic wireless remote control

Each major function has a uniquely contoured switch, enabling operation without looking at the remote.

Black equipment housings

Radar blends into the vehicle's interior until you're ready to use it. All black, small, water-resistant antenna housing makes covert operation easy.

Digital signal processing

Reliable, jammer-proof and maintenance free.

Highest reliability

Lowest repair rates in the industry.

Excellent target range

Consistently wins side-by-side shoot outs with the competition.

POP™ Technology

Allows speed measurement without alerting radar detectors.

Description: A multi-piece radar with detachable display unit and wireless remote control. 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 his eyes off the road to look at the controls. All minor functions are controlled using unobtrusive, secondary switches on the remote. 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. Automatic Same Direction™ (ASD™) makes same direction operation simple and removes potential judgment errors.

Special Features

- BEE III is the most compact radar available. It has the smallest detachable display, while retaining large multi-colored speed windows. The display and antenna can mount anywhere in any patrol vehicle.
- Patented Automatic Same Direction technology gives you the versatility of same direction operation without a confusing faster/slower button. The BEE III decides whether the target is approaching or receding with 100% accuracy.
- In stationary mode, ASD allows you to select a lane and only measure the targets traveling in that lane, while completely ignoring the traffic in the other lane. Or let the radar measure both lanes and tell you the direction the target is traveling.
- Selectable City and Highway modes help minimize shadowing and combining.
- The high-power wireless remote control eliminates a cable while ensuring that the operator doesn't have to point the remote control at the radar. Wired remote optional.
- The reliability and accuracy of the BEE III are guaranteed by MPH Industries, serving law enforcement with products like the Python and K-55 for over twenty-five years.
- BEE III 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 Mode

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 80 mph in City mode, 20 to 80 mph (will track to 90 mph) in Highway mode
 - Target: 15 mph to 200 mph closing speed
 - *Same direction moving:*
 - Patrol: 12 to 80 mph in City mode, 20 to 80 mph (will track to 90 mph) in Highway mode
 - Target: + 70% of patrol speed (will not measure speeds within 3 mph of patrol speed)
- **Target Distance:** One mile range typical for an average size vehicle. Range varies 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 1/2 in. high, 5 in. wide, 2 3/4 in. deep.
- **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.



The MPH BEE III 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

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