MPH Radar — Python® Series III Moving Radar System

Updated version of the best-selling basic DSP radar!

The classic *Python* radar system has been completely redesigned for the 21st century. The smaller readout unit has a completely new look, with bigger, easier-to-read displays. The K-band antenna unit is the smallest on the market. The simple remote control still allows you to keep your eyes on the road where they should be instead of fishing for buttons. The new Python accepts MPH's speedometer interface module, the only one that doesn't force you to modify your cruiser. The radar is also available in an "FS" model with fastest vehicle and same direction modes. The Python III is simply the best basic radar package available, with great looks, lots of range, and more features than ever.

Features	Benefits
Smaller readout with larger displays	*Easy to read, while taking up less dash space. Its speed displays are the largest of any radar.*
Smaller K-band antenna	*More flexibility of mounting locations.*
Uncluttered remote control	*Lets your operate the radar without taking your eyes off the road. Buttons can be easily operated by feel.*
Intuitive roadway-style mode display	*Shows you the radar's operating mode in the most understandable way.*
X, K, and Ka-band versions	*Choose the radar band that's right for you.*
Optional same direction and fastest modes	*Add more features as you need them to meet your patrol needs.*
Same display configuration as BEE III™ and Enforcer® radars	*Simplifies your operator training program.*
Software upgradable from data port	*Add fastest vehicle mode or same direction or other features anytime after you buy it.*
Optional speedometer interface	*Eliminate false patrol speed readings. Installs with no modification to vehicle.*

Tens of thousands of Pythons in use nationwide!

Python® Series III Moving Radar System

Description: The Python Series III Moving Radar is designed for convenient use by law enforcement agencies in the measurement of the speed of motor vehicles. It operates from stationary or moving patrol vehicles. Python uses the well known and legally-accepted Doppler principle. The radar has been type accepted by the Federal Communications Commission and conforms to all NHTSA specifications. Python is available in X, K, or Ka-band.

Special Features

- Python utilizes true Digital Signal Processing (real DSP), which allows it to monitor all targets in the radar beam simultaneously. Inferior techniques, which are simply advanced analog processing methods masquerading as DSP, cannot match the performance of the Python.

- Python is the simplest traffic radar available. No moving radar ever designed can match the Python's simplicity. The remote control is not crowded with infrequently used functions, so the radar operator doesn't have to take his/her eyes off the road. The pushbuttons on the readout unit are clearly labeled and can be operated with gloved hands.

- Python contains MPH's exclusive high-quality Doppler audio. This court-proven feature is a true indicator of the quality of the target's return signal. The volume increases when the signal strength increases, and any interfering targets that are present become apparent immediately.

- The reliability and accuracy of the Python are guaranteed by MPH Industries. MPH has led the police radar market with products like K-55 and S-80 for over twenty years. The Python also conforms to NHTSA radar specifications.

- Python contains the following functions and controls:

Power	Range Control	Antenna Select
Test	Moving/Stationary	Volume Control
Squelch	Patrol Blanking	Antenna Standby
RFI Detect	Low Voltage Sensing	Lock/Release
RS-232 Communication Port		

General Specifications

Power: 10.8 to 16.5 Volts, 0.9 Amps ™ 13.6 V nominal. Fused cord and reverse polarity protection.

Operating modes and speed ranges:
The basic Python Series III is equipped with stationary mode and opposite-direction moving mode software. As an option, you may purchase the "FS" version of the radar, which adds fastest vehicle mode and same direction moving mode to the radar.
Both versions are equipped with a City/Highway mode to minimize patrol speed errors in low speed and highway speed conditions.

Both versions also accept MPH's speedometer interface module. The speedometer interface gets approximate vehicle speed information from the patrol vehicle and uses it to help the radar make decisions about the correct patrol speed. When it is used, the radar's City/Highway mode is selected automatically by the radar, based on the speedometer speed. The Python is also capable of higher patrol speeds when the speedometer interface is used.

Target Distance:
One mile range typical for an average size vehicle. Range varies with vehicle size, terrain, weather, and traffic conditions.

Speed Display:
Three LED windows simultaneously display patrol, target, and locked speeds. Display brightness automatically adjusts to the ambient light level. All speed displays are 0.4 inches tall.

Readout Size:
1.6 in. High, 6.5 in. Wide, 4.9 in. Deep.

Antennas:
All antenna modules consist of a circularly polarized, seamless, conical horn antenna and shatterproof microwave lens, contained in a rugged cylindrical aluminum housing.

MPH

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Our Company: MPH Industries, Inc. specializes in gathering evidence inside of police vehicles. Formed in 1975, MPH is one of the largest suppliers of radar equipment to law enforcement worldwide. MPH Industries is a subsidiary of MPD, Inc., a manufacturer of aerospace components and subsystems, electronic components and breath alcohol analyzers.

We are a 100% Employee-owned US Company!