

Falcon[®] HR

Traffic Safety RADAR



The reliable choice for hand-held Directional K-Band RADAR.

High Performance

- Directional Doppler RADAR system for target identification
- Digital Signal Processing (DSP) for tracking multiple targets
- TruTrak™ VSS interface, with dash mount option, allows automatic mode switching between moving and stationary modes eliminating patrol shadowing and combining errors (moving option)
- Supports tracking history after target lock with "Track through lock"
- Smart Patrol Search rejects inaccurate patrol speeds
- Displays fastest target quicker than leading competitor

Low Power

- FCC Type 15 device
- Long battery life and low transmitted power

Easy to Read

- LCD non-multiplexed display for improved readability in direct sunlight
- LED backlight for night time operation
- Simple push button user interface
- Auto self-test with every locked target

Operational Configurations

- Upgradeable to moving operation with IR or wired remote
- Moving same lane option
- Handle on or pod mount for moving operation
- Interchangeable accessories with the Talon family including battery handle and pod mount
- Narrow 12° beam width for improved targeting
- NHTSA Conforming Products List



Easily readable in direct sunlight

High performance, low power

Moving operation available

Directional K-band

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Standard Package includes

- Corded handle
- Stationary operation
- Direction sensing/selection
- Fastest vehicle mode

Optional Accessories

- Battery handle
- Quick charger in car
- Pod module
- Pod module with wired remote, ICV cables
- Carrying case
- Data Logger
- Printer
- Saddlebag sleeve
- Locking motorcycle holster
- Online operator certification training

Specifications

Frequency: K-band 24.125 GHz (+/- 100 MHz)

Beam Width: 12° horizontal

Operating Voltage: Corded: 10 to 16.5V DC,
Cordless: 7.2V DC (nominal)

Weight: 2.0 lbs. (0.9 kg) with battery handle

Speed Accuracy: Stationary +/- 1 mph (+/- 1 kph)
Moving: +1/- 2 mph (+1/-2 kph)

Standard Warranty: 2 Years
IACP Conforming Product List

Typical Performance

Stationary

5 to 200 mph (8 to 321 kph)

Moving

5 to 120 mph (8 to 193 kph)

Target Opposite Direction

20 to 200 mph (32 to 321 kph)

Same Direction

3 mph to 65% of Patrol (5 kph to 65% of Patrol)



Stationary, approaching, receding or all directions



Directional K-band

Falcon HR Stationary w/Corded Handle
Falcon HR Moving & Stationary Modes w/Corded Handle, Wireless Remote, 7" Dash Mount & Bracket
Falcon HR Moving & Stationary Modes w/ Corded Handle & Same Direction Mode, Wireless Remote, 7" Dash Mount & Bracket