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

High performance, low power
Moving operation available
Directional K-band
Falcon® HR  
Traffic Safety RADAR

**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)