Directional Talon®

Traffic Safety RADAR



High performance Ka Doppler RADAR, stationary or moving. High Performance

- Digital Signal Processing (DSP) for tracking multiple targets (moving option)
- TruTrak[™] VSS interface, with dash mount option, allows automatic mode switching between moving and stationary modes eliminating patrol shadowing and combining errors
- Smart Patrol Search rejects inaccurate patrol speeds during moving operations without VSS (moving option)
- Supports tracking history after target lock with "Track through lock"
- Displays fastest target quicker than leading competitor

Industry Benchmark

- Reliable Doppler radar system
- Simple operation
- Easily readable display
- High contrast LCD display enables readability in direct sunlight
- Backlight for night operation

Solid Reputation

- Proven track record
- Rugged aluminum constructed housing
- Sealed elastomeric switches for dust and water protection
- High performance Ka band radar

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 Falcon HR including battery handle and pod mount
- Narrow 12° beam width for improved targeting
- NHTSA Conforming Products List



High performance Ka-band

Handheld or mounted design

Stationary or moving

Directional Talon®

Traffic Safety RADAR

KUSTOM SIGNALS, INC.®

Specifications

Frequency:Stationary accuracy:

Moving accuracy:

• Voltage corded:

• Voltage cordless:

• Operating temperature:

• Weight:

NHTSA Conforming Product LIst

Ka-Band 35.5 GHz (+/-100MHz)

+/- 1 mph (+/- 1 km/h)

+1/-2 mph (+2/-3 km/h)

10.8 to 16.5V DC, 800 mA max

6.5 to 9.0V DC

 -22° to $+140^{\circ}$ (-30°C to $+60^{\circ}$ C)

2.3 lbs (1.04 kg) with battery

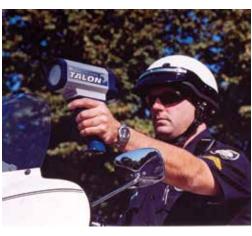
Options

- Moving upgrade
- Moving Same Direction
- Battery handle
- Quick charger
- Data Logger, printer
- Pod mount
- Wired remote with pod mount
- Carrying case
- In-car video interface (with pod mount)
- Saddlebag sleeve
- Locking motorcycle holster

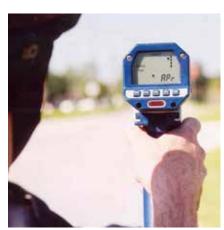
Stationary/ Directional Talon Talon II: Moving/ Stationary

- Dash mount with bracket
 Backlit remote control
 TruTrak® speedometer input*
 Smart Patrol Search
 Patrol Speed Blank
 Same Direction mode
 Fastest vehicle mode
- standard

*TruTrak only available with pod mount







alon Radar Series - Data Sheet - USA Eng - Print - 03/2020