RadarHAWK-SE Operating Description

The RadarHAWK-SE radar detector is a dual conversion scanning super-heterodyne receiver with separate alarms for each of the radar bands, dim function, mute, fillter and band select. It detects front and rear laser and radar. It has a LED display of all functions.

The RadarHAWK-SM is completely VG-2 undetectable. The RadarHAWK-SM is built with high reliability surface mount construction and VCO technology for improved performance over a wide operating temperature. The RadarHAWK-SM detects all radar and laser bands used by law enforcement:

10,475 – to – 10,575 MHz,

24,050 – to – 24,250 MHz,

and 33,400 – to – 36,000 MHz, as well as 904 nanometer infrared signals.

The RadarHAWK-SM is compact, designed exclusively for automotive use and is powered by the 12-Volt electrical system in a car or truck. Also The RadarHAWK-SM operate by the three 2/3AAA Rechargeable NiMH battery and SOLAR cell.

RadarHAWK-SM SPECIFICATIONS

Radar

Receiver type : Dual conversion super-heterodyne

Antenna type : Linear polarized, self-contained

Detector type : Scanning frequency discriminator

Frequency operation : X-band; 10.525 GHz ±50 MHz
K-band; 24.150 GHz ±100 MHz
Ka-band (super-wide); 34.700 GHz ±1,300 MHz

Laser

Receiver type : Pulsed laser signal receiver

Detector type : Digital signal processor pulse width discriminator

Optical sensor : Dual convex condenser lens and high speed photo diode detector,
905 ± 50 nanometers (nm)

General

Operating Temperature Range : -20° C to +80° C

Storage Temperature Range : -30° C to +100° C

Power requirements : 12V to 16V DC, 150mA, negative ground or 2/3AAA Rechargeable NiMH Battery 400mA@3.6V or SOLAR cell.

Dimensions : 1.26″H x 2.83″ W x 4.8″ L

Weight : 5.0 ounces