

mil-spec weapon sights



Part No- 000113

SpecterIR SP50B

The second generation in the revolutionary SpecterIR family of Thermal Weapon Sights. Utilizing uncooled microbolometer technology, SpecterIR Thermal Weapon Sights are completely passive infrared weapon sighting systems which allow users to identify the heat signatures of individuals or objects; day or night and in rain, fog and smoke. As with previous models of SpecterIR Thermal Weapon Sights, no external light source is required, and the unit may be used in complete darkness or broad daylight. When viewed through the SpecterIR, heat-emitting objects such as humans and recently-operated vehicles stand out dramatically against their surroundings, defeating camouflage and other methods of visual concealment. The second generation of the now-famous SpecterIR line, the SP50B is enhanced with a greater operating temperature range, improved detector, "smart" reticle, and improved video output parameters.

Built to the same legendary rugged standards as other ELCAN weapon sighting systems, the SpecterIR family is shock and water-resistant and will withstand the forces generated by repeated recoil. The quick-detachable mount allows fast attachment to Mil-Std-1913 'Picatinny' rails and weapon receivers. Once sighted-in to a particular weapon, the sight may be interchanged with other ELCAN optical and electro-optical sights zeroed for the same weapon in a matter of seconds and without noticeable change in point of impact.

The electronic reticle allows precise targeting of hostile threats, and changes color to provide maximum contrast against its background. The SpecterIR SP50B operates on three lithium AA batteries and has auxiliary power ports for operation on AC electrical outlets or vehicle cigarette lighters. A video output port allows the sight picture to be displayed on an external video monitor or recorded by video recorder. When used solely as an observation device, the unit may be operated hand-held or tripod mounted.

S P E C I F I C A T I O N S

model	spectral response	magnification	field of view	weight	dimensions	external power	internal power
SpecterIR SP50B	7.5-12.5 microns	2x	8° x 6.4°	< 3 pounds	12.7"L x 4.2"W x 3.8"H	12v DC / 120/240v AC	3 lithium AA
operating temp.	angular resolution	video output	IR polarity	focus range	detect person at	focus method	reticle
-20° C to 60° C	1 milliradian	NTSC	white = hot / black = hot	10 m - infinity	up to 500 m	automatic	crosshair with dot

AN/PVS-22

The AN/PVS-22 Universal Night Sight™ (UNS™) is a high-resolution Clip-on Night Vision Device (CNVD) that mounts on any MIL-STD-1913 rail interface forward of an existing scope, adding night vision capabilities to daytime target acquisition platforms. The Universal Night Sight™ (UNS™) utilizes a full MIL-SPEC Gen 3 (Autogated Pinnacle) image intensifier tube, a fast f/1.15 catadioptric lens for a brighter and sharper image in starlight, and patented permanent boresight alignment technology. The unit is installed, operated, and removed without tools and without affecting boresight (permanent boresight alignment). The unit can be mounted on a spotting scope for long range reconnaissance, hand-held as a Night Observation Device (NOD), or used in other night-time operations requiring night vision capabilities. Optimized for medium-range sniper weapons, assault rifles and machine guns including the MK11, M16, SCAR-H, M240 & 300 Win Mag. Effective on all weapons from carbines to .50 caliber semi-automatic sniper rifles.



PVS-22 Mounted To M4 w/ EOTech & DBAL A2



Part No- 000411