



HBL Opto-Electronics

brings to India, Uncooled Thermal Imager Cameras for soldiers, drivers and commanders and security and for surveillance applications. Our uncooled thermal images are based on 25 μ VOX microbolometer engine of 320x240 pixel format image and cater to a wide range of applications such as

- ★ Handheld soldier systems
- ★ Enhanced driver vision systems
- ★ Integrated Electro-optic systems
- ★ Cameras for security and surveillance



TACSIGHT SE-35

The TACSIGHT SE-35 is a powerful handheld TI camera for tactical, surveillance and scene assessment applications. At its core is an uncooled microbolometer engine of 25.. pitch detector.

- ★ The Camera has the following important features:
- ★ 3.5" fluorescent backlit LCD screen
- ★ 4 channel wireless remote transmitter for video transmission
- ★ Detachable monocular eye-piece
- ★ Mechanical housing made of thermoplastic material
- ★ Rechargeable NiMH/Li batteries.

HHTI Binocular TVS-7

HBL's Handheld Thermal Imager TVS-7 is a passive night binocular viewer for soldiers, commanders and law enforcement officers that allows transformation of invisible IR images into visible images. Built to military specifications, the unit operates in the 3-5 μm MWIR band and hence offers visibility under different atmospheric conditions (haze, fog etc.) The TVS-7 have the following features:

- ★ Compact, Lightweight and Water-proof
- ★ Soft Rubberized Eyepiece
- ★ Graticule for Range Measurement (Optional)
- ★ Range of 1,500 m for human targets
- ★ Available in optional Monocular versions.
- ★ PAL Video Output
- ★ Optional in-built Laser Rangefinder, Compass & Inclinator



Driver's Sight EYE-M320B

OPGAL's EYE-M320B™ is a compact, high performing thermal imaging camera, based on a 320 x 240 pixel microbolometer detector. Eye-M320™ is tuned to long-wave infrared, and has a less than 0.07°C sensitivity level with an f/1.0 lens.



Integrated EO Observation System Hurricane

The Hurricane is an integrated EO video system combining a micro-bolometer IR Camera for night vision plus a CCD camera for daytime vision into a single economical bore-sighted unit. Hurricane is ideal for round-the-clock observation, monitoring, detection, protection and security for military, para-military and civilian applications. Some of the key features of the Hurricane are:

- ★ Micro-bolometer TI System for night viewing and CCD camera for day operations
- ★ Fixed mountable with pan-tilt option
- ★ Vehicle mountable for mobile recce.
- ★ Centralized, operator control from safe distance
- ★ Human detection > 2.5 km in day & >2.0 km in night



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