

Trinity COOLED

Thermal Binocular



Triple Play Features:

- Day/Night Passive Operation
- Lightweight for Field Use
- InSb/MCT 320x256 FPA

Applications:

- Border/Perimeter Patrol
- Ground Troops
- Law Enforcement Agencies
- Day/Night Scouting
- Special Forces

High Sensitivity
& Image Quality!



CALL 1.866.391.6970 for details

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MAIN SPECIFICATIONS:

Spectral Range:	3 ~ 5 μ m;
Detector:	320x256 InSb/ MCT
Cooler:	Integrating Sterling Cooler
Cooling down time:	<7.5 Minutes
MTBF:	>2500 Hours
NETD:	\leq 25 mK (detector)
Field Of View:	WFOV: 11° x8. 3° (HxV) +/-10% NFOV: 4° x 3° (HxV) +/-10%
FOV switching time:	\leq 1.5 s, Motorized
Focusing:	WFOV: 10m ~ ∞ NFOV: 20m ~ ∞
Operating Voltage:	24+/-4 VDC; (Option model: 12VDC)
Power Supply:	a) Battery (embedded /external) b) External power supply
Consumption:	\leq 12 W
Video Format:	PAL/NTSC
Video Out:	Yes
Detection & Recognition Distance:	\geq 2.5 Km, against people (0.5m x1.7m) \geq 8.0 Km, against vehicle (1.88m (H) x 1.54m (W))
Reticule Display:	Yes
Bore Sight Setting:	\leq 0.1mrad
Battery Capacity:	\geq 3 hours
Charger Power:	180VAC-250VAC and 24VDC-48VDC
Operating Temperature:	-30°C ~ +55°C
Storage Temperature:	-40°C ~ +70°C
Weight:	\leq 3.0 Kg without battery
Sealing:	IP65
Eyepiece:	Bi-oculars having one objective glass and one detector system
Mount Interface:	1/4-20
Dimensions (mm):	295 x 245 x 105 mm
Standby Mode:	available, switching time less 1 minute from standby to real time.
Remote Controller:	RS422

- Hand Held Thermal Imager especially designed for Homeland Security Applications
- Day/Night passive operation
- High Resolution, 800x600 displays
- Image capture/display/reporting
- 3-5 μ m wavelength

OPTIONAL FUNCTIONS*

- GPS
- VISIBLE LIGHT CCD IMAGE

*Must specify at time of order.

FOR ORDERING: MODEL NUMBER HHTI2500

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