

Trinity UNCOOLED

Thermal Binocular



Triple Play Features:

- Day/Night Passive Operation
- Compact Uncooled for Field Use
- VOx 384 x 288 FPA

Applications:

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



CALL 1.866.391.6970

Trinity UNCOOLED

Thermal Binocular



MAIN SPECIFICATIONS:

| | |
|---------------------------------|--|
| Type: | Microbolometer, uncooled |
| Spectral Range: | 8 ~ 14 μ m |
| Detector: | 384 x 288 VOx (Vanadium Oxide) |
| Pixel Size (Pitch): | 25 μ m |
| Frame Rate: | 30 Hz / 25 Hz |
| Continuous Operation Endurance: | 2-4 Hours |
| Detection Range: | |
| Man: | 1500m |
| Vehicle: | 2500m |
| Large Contact (like a ship): | 10000m |
| Recognition Range: | |
| Man: | 1000m |
| Vehicle: | 1500m |
| Large Contact (like a ship): | 7000m |
| Readiness Time: | Less than one minute |
| Contrast/Brightness: | Adjustment Available |
| Power Supply: | 12V |
| Power Dissipation: | 2.5W |
| Power Consumption: | >3.6W |
| Battery Type: | Lithium ion |
| Field Of View (Dual-FOV): | 13.9° (H) x 10.5° (V) 4.6° (H) x 3.5° (V) |
| Operating Wavelength: | 8-14 μ m |
| NETD: | <50 mk |
| Operating Temperature: | -20°C ~ +55°C |
| Storage Temperature: | -40°C ~ +70°C |
| External Interface Connector: | BNC/RCA |
| Shock and Shock Protection: | per MIL 810 Standard |
| Vibration: | per MIL 810 Standard |
| Video Output: | NTSC or PAL |
| Type of Viewfinder: | LCD |
| Thermal Sensitivity: | <50mK |
| Weight: | less than 3 kg |
| Water Immersion: | IP 67 |

- Compact Uncooled Hand Held Thermal Imager especially designed for Homeland Security Applications
- Day/Night passive operation
- 384 x 288 Visual Display
- Image capture/display/reporting
- 8-14 μ m wavelength

OPTIONAL FUNCTIONS*

- GPS
- VISIBLE LIGHT CCD IMAGE

*Must specify at time of order.

FOR ORDERING: MODEL NUMBER HHTI1550

Cantronic Systems Inc.

(Worldwide Headquarters)
63A Clipper Street
Coquitlam, BC V3K 6X2 Canada
Phone: +1.604.516.6667
Toll Free: 1.866.391.6970
Fax: +1.604.516.6618
www.cantronics.com
sales@cantronics.com

QWIP Tech. Inc.

(US Subsidiary)
499 Nibus Street
Brea, California 92821
Phone: 714.529.7947
Fax: 714.529.7946
www.qwip.com
sales@qwip.com

Toll Free: 1.866.391.6970