



TIB-5-09

...always a step ahead...since 1992

THERMAL IMAGING LONG RANGE BINOCULARS



F.P.A. Engine Type/Material	Uncooled/Various
Spectral Response	7-14 um
F.P.A. Sensor Format	320 x 240
Thermal Sensitivity	70 mK
Refresh Rate	30 Hz
Start-Up Time	~2-4 sec.
Display Type/Resolution	VGA 640 x 480
Video-Out Signal Resolution	640 x 480
"Cross Hair" reticle	Optional
Lens Size Options	50 mm
Magnification optical	2X
Magnification with ZOOM	Up to 8X
Diopters Adjustments	+2/-6
Detection of Human Figure	Up to 1 km
Detection Range of Idling Car	Up to 1.5 km
Polarity Control	White Hot/Black Hot
ZOOM Control	Digital 2X-4X
Gain, Level and Contrast Controls [proprietary]	Automatic with Enhanced Image Processing
Display Brightness Control [proprietary]	Manual, prevents "night blindness"
Powered By	Built in Li-Ion Rechargeable Batteries
Continuous Operation time on one charge/batteries set.	Up to 8 hours, Up to 1000 charge cycles
Weight	1000 Grams
Dimensions	210 x 110 x 70 mm
Tripod Mountable	yes

TIB-5-09 UNIQUE FEATURES:

- CNC Machined, strong, durable Aircraft Aluminum Body.
- Tripod Mountable.
- Digital Zoom control.
- Black Hot/White Hot polarity switch.
- "Refresh" button switch.
- High Performance VGA Displays.
- Mil. Spec. Manual Gain Control (Display Brightness Override).
- Mil. Spec. Universal Service Connector allows: Video-Out, External Power-In, Service USB-Out.
- Fully sealed, Waterproof Body.
- Video-Out: standard RCA, cable included.

GENERAL STARLIGHT COMPANY

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