

## **TIB-5000 SERIES. LONG RANGE THERMAL IMAGING BINOCULARS.**

The **TIB-5000** series Thermal Binoculars from GSCI designed for the Law Enforcement Professional and Security Specialists. Developed for Surveillance, Search & Rescue, Perimeter Control, and Vehicle ID, the **TIB-5000** are lightweight and rugged units with intuitive controls that offer an ease-of-use not seen in many thermal imagers on the market.

Ease of use is important in devices like the TIB-5000 because they are often shared among several officers or team members and the ability to pick up a unit and operate it effectively with minimal training is an invaluable asset. The controls are well-placed and easy to manipulate, even with gloves. The **TIB-5000** are uncooled thermal imaging binoculars that can be used as hand held or tripod mounted. The unit is powered by just 2 pcs AA Lithium batteries with up to 8 hours continuous operation. The **TIB-5000** also features the ability to be connected to an external video monitor, recorder or Head Mounted Display.

Regardless of the ambient conditions, the **TIB-5000** performs well, providing clear focus and high resolution. We find the **TIB-5000** to be a handy and intuitive thermal imager. It is definitely a mission-specific device and does not feature a weapon-mount capability. However, if your mission revolves around surveillance and perimeter security, the **TIB-5000** can meet your needs.

**TIB-5000** can be supplied with various high quality, fast germanium lenses featuring optical magnification from 1X and up to 6X and F-number as low as F:1.0. Along with the GSCI's proprietary video signal processing software allows to achieve impressive Long Range detection, recognition and Identification capabilities.

### **FEATURING:**

High Performance 384x288 FPA or Top Notch 640x480, 17  $\mu$ m FPA

High Refresh Rate: up to 60 Hz

High Quality, Fast Optical Lenses

Convenient Biocular Eyepiece

Shutterless and Soundless

Manual/Automatic Gain Control

Manual Brightness Control

Ultra-Long Battery Life

Light Weight

Video Out

Tripod Mountable

Hassle-free Export

7-Year Warranty

**TIB-5000 Thermal Long Range Binoculars**

<b>Model</b>	TIB-5050xl	TIB-5050xl-17	TIB-5075	TIB-5075xl	TIB-5075-17	TIB-5100-17	TIB-5150-17
<b>Spectral Response (um)</b>	8-12	8-12	8-12	8-12	8-12	8-12	8-12
<b>F.P.A. Format</b>	384x288, 25um	640x480, 17um	384x288, 25um	384x288, 25um	640x480, 17um	640x480, 17um	640x480, 17um
<b>F.P.A. Material</b>	ASi Uncooled	ASi Uncooled	ASi Uncooled	ASi Uncooled	ASi Uncooled	ASi Uncooled	ASi Uncooled
<b>Thermal Sensitivity (mK)</b>	<50	<60	<65	<50	<50	<50	<50
<b>Refresh Rate (Hz)</b>	60	30	60	60	30	30	30
<b>Lens size and F-number</b>	50 mm; F:1.0	50mm; F:1.0	75 mm; F:1.3	75 mm; F:1.0	75 mm; F:1.0	100 mm; F1.0	150 mm; F:1.0
<b>Optical Zoom</b>	2X	2X	3X	3X	3X	4.5X	6X
<b>Combined Zoom (Optical+Digital)</b>	4X-8X	4X-8X	6X-12X	6X-12X	6X-12X	9X-18X	12X-24X
<b>Diopters Adjustment</b>	+2/-6	+2/-6	+2/-6	+2/-6	+2/-6	+2/-6	+2/-6
<b>Weight (w/o batteries) (g)</b>	800	800	900	900	900	1200	2500
<b>Dimensions (mm)</b>	200x140x84	200x140x84	234x140x84	234x140x84	234x140x84	290x145x115	350x170x170
<b>Powered By AA Lithium Batteries</b>	2pcs.	2pcs.	2pcs.	2pcs.	2pcs.	2pcs.	2pcs.
<b>Battery Life</b>	8 hrs	7 hrs	8 hrs	8 hrs	7 hrs	7 hrs	7 hrs
<b>Detection of Human Figure (m)</b>	~900	~1500	~1200	~1400	~2200	~3000	~4000
<b>Detection of Idling Car (m)</b>	~1500	~2500	~2000	~2300	~3000	~4000	~5000
<b>Tripod Mountable</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes

