

### Thermal Imaging Multi-Purpose Monocular



### **KEY FEATURES**

► Objective Lens: 25mm f/1.0

► FPA: 384x288 or 640x480

► Refresh Rate: up to 60Hz

▶ Battery life: over 7 hours

Integrated Stadiametric Rangefinder

▶ Vehicle Detection Range: up to 2,292 m

▶ 7-Year Warranty

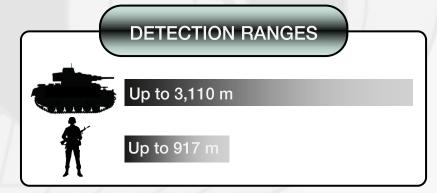
▶ Made in Canada. ITAR-free

### **OVERVIEW**

The Thermal Imaging Multi-Purpose Monocular TIM-14 is one of the most versatile thermal imagers available. Designed to meet the needs of the individual user engaged in ground-based operations, the TIM-14 can be used in several configurations. The maximized versatility of this unit makes it one of the most operation-ready thermal imagers on the market.

A user is able to mount the device onto a helmet, head gear, a firearm or a tripod.





Developed and manufactured by **GENERAL STARLIGHT COMPANY INC.** 

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### TIM-14 DISTINCTIVE FEATURES

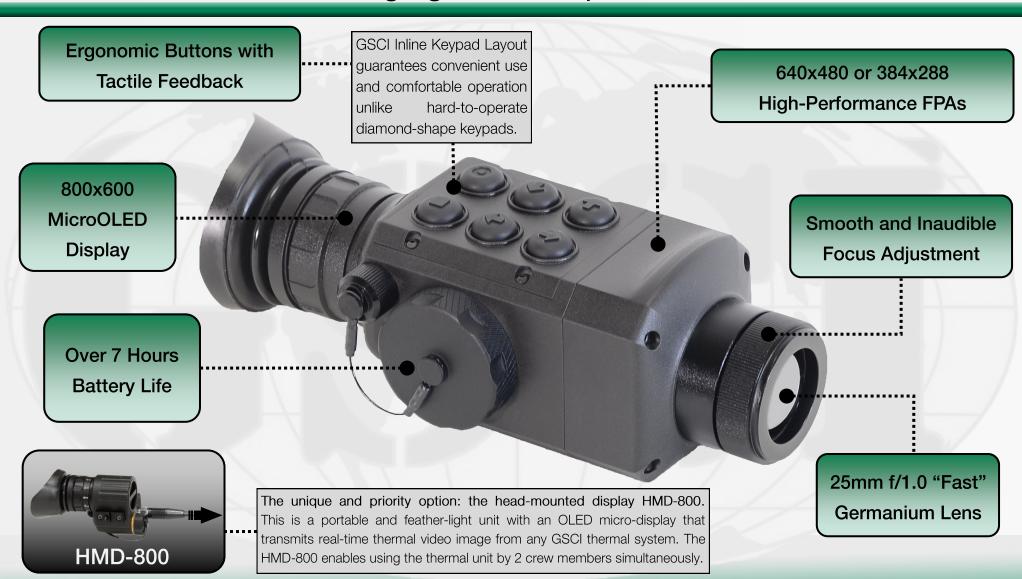
- High-Resolution Uncooled FPAs: 384x288 or 640x480
- Fast Refresh Rate: up to 60Hz
- Quality and "Fast" Low-F-Number Germanium Lenses
- Quick Swap Battery Packs
- Low Power Consumption
- Completely Silent System Operation
- Rugged and Lightweight
- Unauthorized Location Protection: Lowest Heat Dissipation
- Video-out for External Display and Recording
- Interchangeable Optics
- High-Resolution Micro-OLED Display 800x600
- Auto-Off Feature
- Head-Mountable
- Weapon-Mountable: Fits any Standard 1913 Picatinny Rails
- 16 Selectable Reticle Patterns
- Tripod-Mountable
- Integrated Stadiametric Rangefinder
- 24-hour Operation
- Vehicle Detection Range of up to 2,292 metres
- Manual and Automatic FPA Sensitivity Adjustment
- Manual Display Brightness Adjustment
- Black Hot / White Hot Polarity Control
- External Battery Pack Compatibility
- GSCI Proprietary Image-Enhancing Solutions (IES™)
- Dust– and Waterproof Protection
- Optional Remote Control\*
- Available for Worldwide Export
- 7-Year Manufacturer's Warranty
- Made in Canada

TIM-14 REAL-LIFE PERFORMANCE

<sup>\*</sup> Optional remote control will become available in September 2015



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		TIM-14 T	ECHNICAL DATA			
MODEL		NCED LINE	PROFESSIONAL LINE		ELITE LINE	
PARAMETER	TIM-14DX-384	TIM-14DX-640	TIM-14CG	TIM-14CG-17	TIM-14XL	TIM-14XL-17
Objective Lens Focal Length	25mm					
Objective Lens F-number	f/1.0					
FPA Resolution	384x288 pixels	640x480 pixels	384x288 pixels	640x480 pixels	384x288 pixels	640x480 pixels
FPA Sensitivity	60mK	65mK	50mK	60mK	50mK	60mK
FPA Refresh Rate	50Hz	25Hz	50Hz	25Hz	60Hz	30Hz
Magnification Optical	1X					
Magnification Digital	2X, 4X					
Maximum Total Magnification	4X					
Diopter Adjustment	-6 +2					
Power Source	2pcs Standard AA Batteries					
Battery life, hours	Over 5		Over 7			
DRI, Human (1.7x0.4m)	509/275/178	808/355/221	635/313/209	917/509/306	635/313/209	917/509/306
DRI, Vehicle (2.3x2.3m)	1,211/602/401	1,950/1,020/533	1,568/784/523	2,292/1,273/764	1,568/784/523	2,292/1,273/764
Dimensions, mm	135x50x45					
Mass, grams	360					
Warranty	7 Years, Limited					

<sup>\*</sup> DRI = Detection/Recognition/Identification distances for a specific target



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