



**MOD**IFIED  
ERNIZED

# TIG-7-MOD

Tactical Thermal Imaging Goggles

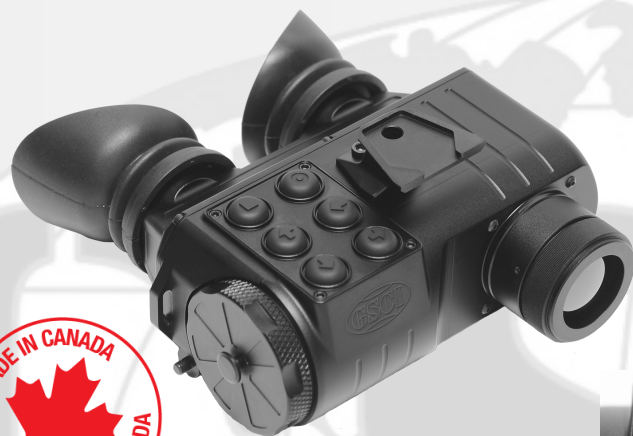




# TIG-7-MOD

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## Tactical Thermal Imaging Goggles



TIG-7-MOD is the new thermal imaging binocular-goggle system was designed from scratch and now has strategically placed full-size tactile keypad, hard-anodized aluminum body, and re-engineered optics. Its unbeatable real-life performance is complemented by best-in-class battery life. As always, fully waterproof design, precisely machined body and outstanding build quality are on a list of standard features of TIG-7-MOD.

### KEY FEATURES

- ▶ Objective Lens: 25mm f/1.0
- ▶ FPA: 384x288 or 640x480
- ▶ Refresh Rate: up to 60Hz
- ▶ Battery life: up to 12 hours
- ▶ Integrated Stadiametric Rangefinder
- ▶ 7-Year Warranty
- ▶ Made in Canada. ITAR-free



Full Size Tactile Keypad



Up to 12 hours  
Battery Life



Universal Dual OLED Display  
with Built-In Demist Shields



Hard-Anodized  
Aluminum Body

### DETECTION RANGES

Up to 917 m

Up to 2,292 m





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## Tactical Thermal Imaging Goggles

### TIG-7-MOD DISTINCTIVE FEATURES

- High-Resolution Uncooled FPAs: 384x288 or 640x480
- Shutterless FPA
- Fast Refresh Rate: up to 60Hz
- Quality and “Fast” Low-F-Number Germanium Lenses
- Dual-OLED Screen Design
- Ultra-Low Power Consumption
- Completely Silent System Operation
- Precision-Machined Rugged Aluminum Body
- Unauthorized Location Protection: Lowest Heat Dissipation
- Video-out for External Display and Recording
- Interchangeable Optics
- High-Resolution Micro-OLED Displays 800x600
- Auto-Off Feature
- Helmet-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™)
- Complete Dust- and Waterproof Protection
- Optional Remote Control
- Available for Worldwide Export
- 7-Year Manufacturer’s Warranty
- Made in Canada

### TIG-7-MOD REAL-LIFE PERFORMANCE







# TIG-7-MOD

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## Tactical Thermal Imaging Goggles

Dual-OLED Display  
System for  
Stereoscopic Vision and  
Built-in Demist Shields

Removable Dove-Tail  
Mount Attachment



Hard-Anodized  
Aluminum Enclosure

Full-Size Ergonomic  
Keypad with Tactile  
Feedback

Accepts  
Interchangeable  
Objective Lenses  
from 50mm to 150mm

Video-Out and External  
Power Connector

Up to 12 Hours  
Battery Life

640x480 or 384x288  
High-Performance FPAs

Smooth and Inaudible  
Focus Adjustment

25mm f/1.0 "Fast"  
Germanium Lens

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## Tactical Thermal Imaging Goggles

TIG-7-MOD TECHNICAL DATA

PARAMETER	PROFESSIONAL LINE		ELITE LINE	
	TIG-7-MOD-CG	TIG-7-MOD-CG17	TIG-7-MOD-XL	TIG-7-MOD-XL17
Objective Lens Focal Length	25mm			
Objective Lens F-number	f/1.0			
Field Of View, Degrees	23x17			
Magnification Optical	1X			
Magnification Digital	2X, 4X			
Maximum Total Magnification	4X			
Interpupillary Distance	65mm			
FPA Resolution	384x288 pixels	640x480 pixels	384x288 pixels	640x480 pixels
FPA Sensitivity	50mK	60mK	50mK	60mK
FPA Refresh Rate	50Hz	25Hz	60Hz	30Hz
Power Source	4pcs Standard AA Batteries			
Battery life, hours	Up to 12	Up to 10	Up to 12	Up to 10
DRI, Human (1.7x0.4m)*, m	635/313/209	917/509/306	635/313/209	917/509/306
DRI, Vehicle (2.3x2.3m)*, m	1,568/784/523	2,292/1,273/764	1,568/784/523	2,292/1,273/764
50mm Lens: DRI, Human, m	1000/500/375	1800/830/570	1000/500/375	1800/830/570
50mm Lens: DRI, Vehicle, m	2500/1200/920	4350/2200/1450	2500/1200/920	4350/2200/1450
Dimensions	112x138x55mm			
Weight	0.45kg / 1lb.			
Warranty	7 Years, Limited			
Export	Available for Export Worldwide**			

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

\*\* Canadian Export Permit Required. GSCI provides full assistance in obtaining Export Permit

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*Long-Range Adapter allows to swap interchangeable objective lenses of various sizes: 50, 75, 100 and 150mm.*