

ELITE GRADE TACTICAL
THERMAL GOGGLES

TIG-7-MOD-64



TIG-7-MOD-64 is a professional thermal imaging goggle system for hand-held and head-/helmet-mounted applications that require stereoscopic vision. Loaded with an array of useful features, TIG-7-MOD-64 has a user-friendly interface and ergonomic design. Powered by 4 easy-to-find AA batteries it can continuously operate for up to 8 hours.



KEY FEATURES

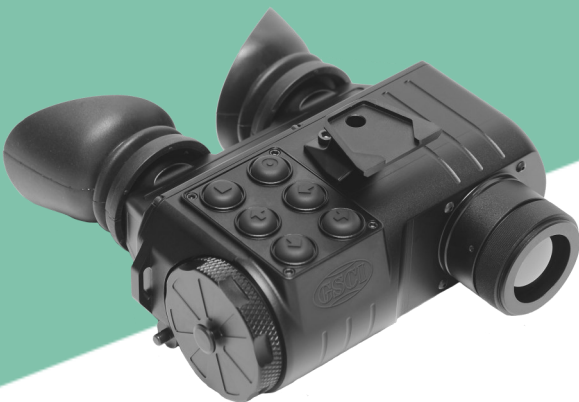
- ♦ Auto-NUC FPA: 640x480
- ♦ 50Hz Refresh Rate
- ♦ Vehicle Detection Range: up to 1130m
- ♦ Built-In Video Recorder
- ♦ Up to 8 Hours Battery Life
- ♦ ITAR-Free System: Available for Export

MAIN APPLICATIONS

- ♦ Defence
- ♦ Law Enforcement
- ♦ Special Forces
- ♦ Surveillance
- ♦ Border Patrol
- ♦ Reconnaissance

Designed, Developed, Manufactured by GENERAL STARLIGHT COMPANY INC.
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DISCLAIMER. Technical description, view, weight, dimensions, some optical-electronic-mechanical features of the product shown herein and/or some of its parts/components may not precisely represent the actual device and are subject to change without prior notice by the sole discretion of General Starlight Company, Inc.
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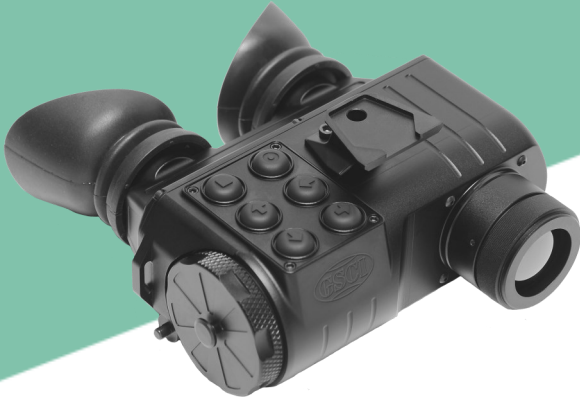
TIG-7-MOD-64

Optical Magnification	1X
Objective Lens	25mm, f/1.0
Field of View	24.5°x18.5°
Focusing Range	0.25m .. Infinity
FPA Resolution and Pitch	640x480, 17µm
FPA Type	Uncooled, a-Si, Shutterless, Silent, Auto-NUC (Uninterrupted Operation)
FPA Sensitivity	<50mK
FPA Refresh Rate	50Hz
Digital Zoom	2X and 4X
Display	Dual-AMOLED, Colour, 800x600
Imaging Modes	1 Monochrome + 8 Colour
Digital Video Recorder	Built-In with microSD Card
Detection Man (1.7x0.5m)	Up to 830m
Detection Vehicle (2.3x2.3m)	Up to 1130m
Accepted Batteries	4pcs AA, any kind: Lithium, Rechargeable, Alkaline, etc.
Battery Life	Up to 8 Hours
Environmental Protection	IP67 or Better, Nitrogen-Purged Housing
Dimensions	112x138x55mm
Weight	455 grams
Operating Temperature	-40°C .. +50°C
Warranty	7 Years, Limited
Export	Available Worldwide (Canadian Export Permit Required. GSCI provides assistance in obtaining the Permit.)



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DISTINCTIVE FEATURES

- High-Resolution Uncooled FPA 640x480
- Fast Refresh Rate: 50Hz
- Quality and “Fast” Low-F-Number Germanium Lenses
- Ultra-Low Power Consumption
- Built-In Video Recorder
- Can be Mounted on Head Gears and Helmet Mounts
- Stadiametric Rangefinder (SRF)
- Stow Safety Feature (SSF)
- Completely Silent System Operation
- Interchangeable Optics
- Precision-Machined Rugged Aluminum Body
- Video-out for External Display and Recording
- High-Resolution Colour AMOLED Displays 800x600
- 24-hour Operation
- Manual and Automatic FPA Sensitivity Adjustment
- Manual Display Brightness Adjustment
- Black Hot / White Hot Polarity Control
- Universal Power Solution: AA, USB-powered, etc.
- Complete Dust- and Waterproof Protection
- Made in Canada. Available for Worldwide Export
- 7-Year Manufacturer’s Warranty





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Two Colour 800x600
AMOLED Displays

Full-Size Ergonomic Keypad
with Tactile Feedback

640x480

High-Performance FPAs

Non-Uniformity Correction (NUC, calibration) of FPA is performed automatically, instantly and continuously to deliver crisp and highest image quality at all times. Thanks to the Automatic-NUC technology there are no "clicks", no interruptions in device's operation. User is not distracted to perform any FPA calibrations whatsoever.

Universal Port: Power,
Video, Remote

Up to 8 Hours Battery
Life

Hard-Anodized
Aluminum Enclosure

Fast Objective Lens with High-
Grade Germanium Glass

