



ELITE GRADE TACTICAL THERMAL WEAPON SIGHT

TWS-3075-64









TWS-3075-64 is a high-performance thermal weapon sight for medium— to long-range engagements. It boasts "fast" 75mm objective lens paired to high-sensitivity FPA and together with the GSCI proprietary image enhancement solutions deliver staggering detection figures of up to 3380 metres. TWS-3075-64 is manufactured in Canada according to strict military standards. Its body is made of hard-anodized, high-strength aircraft-grade aluminum to ensure maximum durability. Outstanding technical characteristics, numerous unique features and options make sights TWS-3075-64 a true professional choice.





KFY FFATURES

- Auto-NUC FPA 640x480
- ◆ 50Hz Refresh Rate
- Vehicle Detection Range: up to 3380m
- Built-In Video Recorder
- Up to 10 Hours Battery Life
- ITAR-Free System: Available for Export

MAIN APPLICATIONS

- Defence
- Law Enforcement
- Security
- Surveillance
- Border Patrol
- Reconnaissance

Designed, Developed, Manufactured by GENERAL STARLIGHT COMPANY INC. 120 WHITMORE ROAD, UNIT 20, WOODBRIDGE, ONTARIO, L4L6A5, CANADA WWW.GSCI1.COM | GSCI@GSCI1.COM | +1.905.850.0990





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Optical Magnification	3X
Objective Lens	75mm, f/1.0
Field of View	8.3°x6.2°
Focusing Range	2m Infinity
Diopter Adjustment Range	-6 +4
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	AMOLED, Colour, 800x600
Imaging Modes	1 Monochrome + 8 Colour
Digital Video Recorder	Built-In with microSD Card
Detection Man (1.7x0.5m)	Up to 2500m
Detection Vehicle (2.3x2.3m)	Up to 3380m
Accepted Batteries	4pcs AA, any kind: Lithium, Rechargeable, Alkaline, etc.
Battery Life	Up to 10 Hours
Environmental Protection	IP67 or Better, Nitrogen-Purged Housing
Dimensions	240x90x90mm
Weight	1050 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, Auto-NUC FPA 640x480
- Fast Refresh Rate: 50Hz
- Quality and "Fast" Low-F-Number Germanium Lenses
- Ultra-Low Power Consumption
- 8 Configurable User Profiles
- Built-In Video Recorder
- Stadiametric Rangefinder (SRF)
- Stow Safety Feature (SSF)
- 8+8 Reticle Patterns
- Completely Silent System Operation
- Precision-Machined Rugged Aluminum Body
- Available with Picatinny and BLASER Weapon Mounts
- Video-out for External Display and Recording
- High-Resolution Colour AMOLED Display 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



800x600 Colour AMOLED Display

Full-Size Ergonomic Keypad with Tactile Feedback

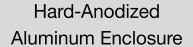
640x480

High-Performance FPA

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

Universal Connector: Power, Video, Remote

Up to 10 Hours
Battery Life





Accepts Variety of Weapon Mounts

Fast Objective Lenses with High-Grade Germanium Glass