



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.



## KEY FEATURES

- ◆ 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.

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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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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



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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

Hard-Anodized  
Aluminum Enclosure

Accepts Variety of  
Weapon Mounts

Fast Objective Lenses with  
High-Grade Germanium Glass

