TI-GEAR

GEAR UP FOR YOUR NEXT MISSION

GSCI

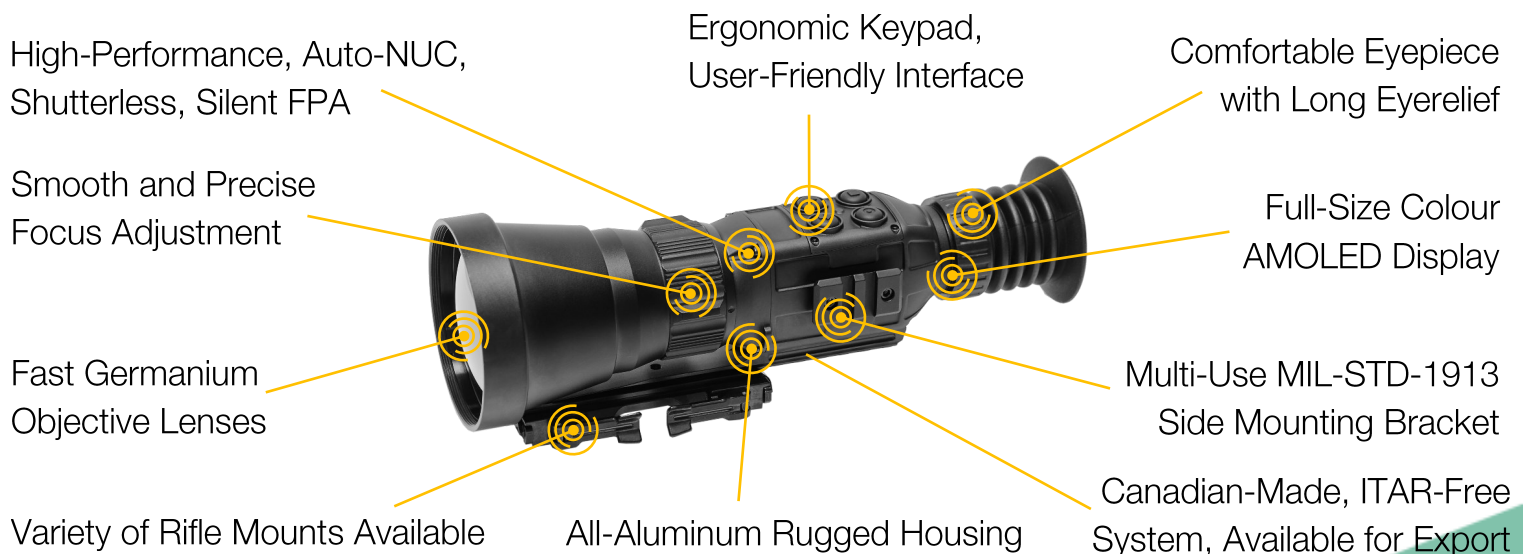ADVANCED PHOTONICS

TACTICAL THERMAL
WEAPON SIGHTS

TI-GEAR-S6100

The TI-GEAR-S6100 is the professional-grade thermal weapon sight for aiming and engagement on a wide variety of firearms at medium-to and long-range distances. Ideal for both small, large-size caliber rifles, machine guns, whether single or repetitive shooting. It is also a great tool for reconnaissance and tactical surveillance.

The latest generation silent and Auto-NUC sensor is at the base of the TI-GEAR-S6100. GSCI proprietary hardware and software solutions are built around the sensor and offer exceptional image quality along with unique tools for added tactical advantage and user safety.

The TI-GEAR-S6100 is fully dust- and waterproof, meets and exceeds modern MIL standards. The TI-GEAR-S6100 is designed for both professional users and also firearms enthusiasts. It is a robust, reliable tool for long-term, intensive use in any environment, in any lighting or weather conditions.

ADVANTAGES OF TI-GEAR-S6100

High-Performance, Auto-NUC, Shutterless, Silent FPA

Smooth and Precise Focus Adjustment

Fast Germanium Objective Lenses

Variety of Rifle Mounts Available

Ergonomic Keypad, User-Friendly Interface

All-Aluminum Rugged Housing

Comfortable Eyepiece with Long Eyerelief

Full-Size Colour AMOLED Display

Multi-Use MIL-STD-1913 Side Mounting Bracket

Canadian-Made, ITAR-Free System, Available for Export

WARRANTY 7 YEARS

CERTIFIED COMPANY ISO 9001:2015

CELEBRATING 28 YEARS

MADE IN CANADA FABRIQUÉ AU CANADA

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

Every TI-GEAR-S6100 Sight can be used in 3 main configurations

Hand-Held

Removing Weapon Mount is not necessary

Standalone Sight

Clip-On (In-Line) Sight

Clip-On Adapter Required

WARRANTY **7** YEARS

CERTIFIED COMPANY **ISO** 9001:2015

CELEBRATING **28** YEARS

MADE IN CANADA — FABRIQUÉ AU CANADA

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

TACTICAL THERMAL WEAPON SIGHTS
TI-GEAR-S6100

Optical Magnification	4X
Objective Lens System	100mm, f/1.3
Field of View	6.2°x4.7°
Focusing Range	4m .. Infinity
Diopter Adjustment Range	-6 .. +4
Eyerelief	Min. 50mm
FPA Type	Uncooled, a-Si, Shutterless, Silent, Auto-NUC (Uninterrupted Operation)
FPA Resolution and Pitch	640x480, 17μm
FPA Sensitivity (NETD)	<50mK
FPA Refresh Rate	50Hz
Digital Zoom	1X, 2X, 4X
Internal Display	Full Size: 0.6-Inch Diagonal, AMOLED, Colour, 800x600
Imaging Modes	Monochrome (White-Hot / Black-Hot) and Multiple Colour Palettes
Shot-Initiated FOV Feature (SIF)	Built-In Adjustable Shock Sensor
Digital Passive Stadiametric Rangefinder (SRF)	Yes
Digital Detail Enhancement Feature (DDE)	Yes: 7 Levels
Digital Edge Detection Feature (DED)	Yes
Wide Dynamic Range Feature (WDR)	Yes
Stow Safety Feature (SSF)	Yes
Integrated 9-Axis Absolute Orientation HUD (Heads-Up Display)	Yes: 3-Axis Sensors - Magnetometer, Accelerometer and Gyroscope
Integrated Compass	Yes
Pitch / Roll / Azimuth Indications	Yes
Real-Time Date-Time Stamp	Yes: Simplified, Extended, DTG Formats
Digital Video Recorder with Real-Time Stamp	Yes. Comes with removable 32GB microSD card
Electronic Reticles	8+8 Patterns, Easy Zeroing / Calibration
Detection Capability: Man (1.7x0.5m) / NATO Target (2.3x2.3m)	3330m / 4500m
Hand-Held Configuration	Yes
Conversion to Clip-On (In-Line) Sight	Yes
Tripod-Mountable Configuration	Yes
User Profiles (Configurable)	Yes: 8
Automatic/Manual Pixel Masking	Yes
Reset to Factory Defaults	Yes
External Video Feed Protection	Yes
Automatic Power Down Control	User-Configurable: 10 .. 60 minutes of inactivity
Accepted Batteries	2 (two) CR123 of Any Type: Lithium / Rechargeable
Universal Port	Video-Out, Remote Control and External Power (4VDC .. 15VDC)
Battery Life on 2x CR123	Up to 7 Hours
MIL-STD-810G Compliant	Yes
Environmental Protection	Min. IP67, Nitrogen-Purged Housing
Dimensions	230 x 85 x 85mm
Weight	750 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*)

TI-GEAR

GEAR UP FOR YOUR NEXT MISSION

GSCI
ADVANCED PHOTONICS

TACTICAL THERMAL WEAPON SIGHTS

TI-GEAR-S6100

STANDARD EQUIPMENT: WHAT'S IN THE BOX

TI-GEAR-S6100
Long-Eyerelief Eyecup, Lens Cover and Low Profile Weapon Mount Attached

Video-Out Cable

USB Power Cable

Soft Pouch

32GB microSD Card and SD Adapter

Demist Shield

Hard Case

User's Manual

Quick Reference Card

Warranty Form

OPTIONAL EQUIPMENT

MAK Rifle Mount: Available in Picatinny and Blaser variants (comes with a mounting adapter)

External Video Recorder with SD Card

Clip-On Adapter

Remote Control

Portable Head-Mounted Display HMD-800 (streams thermal video directly from the device)

Recoil Mitigation System RMS-50