



**ADVANCED PHOTONICS**  
PRECISION THERMAL  
CLIP-ON SCOPE

# TI-GEAR-C675

The TI-GEAR-C675 is the professional-grade thermal clip-on sight for aiming and engagement designed to work seamlessly with a wide variety of firearms and daytime scopes. The TI-GEAR-C675 is a plug-and-play unit, deployed in mere seconds with no zeroing needed. 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-C675. 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-C675 is fully dust- and waterproof, meets and exceeds modern standards. The TI-GEAR-C675 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-C675



**Designed, Developed, Manufactured by GSCI Advanced Photonics**  
120 WHITMORE ROAD, UNIT 20, WOODBRIDGE, ONTARIO, L4L6A5, CANADA  
WWW.GSCI.NET | GSCI@GSCI.NET | +1.905.850.0990

DISCLAIMER. Technical description, certain 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 Co., Inc. Mass of the product represents measurable weight of all components this product consists of, such as optics, mechanics, and electronics. Dimensions of the product represents measurable size of the body, including all optical components attached and in fully folded position. Dimensions of additions such as mounting brackets, eyecups, objective lens covers, and/or battery extensions may vary and therefore are not listed herein. Copyright © 1992-2024 General Starlight Co., Inc. Canada. All rights reserved.



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Every TI-GEAR-C675 Clip-On Sight can be used in 3 main configurations



Clip-On (In-Line) Sight

*On-Rail or On-Scope Configuration*



Standalone Sight

*Direct View Eyepiece and  
Weapon Mount are Required*



Hand-Held

*Direct View Eyepiece is Required, Removing  
Weapon Mount (if equipped) is not necessary*



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Optical Magnification	1X
Objective Lens System	75mm
Field of View	8.3°x6.2°
Focusing Range	3m .. Infinity
FPA Type	Uncooled, a-Si, Shutterless, Silent, Auto-NUC (Uninterrupted Operation)
FPA Resolution and Pitch	640x480, 17µm
FPA Sensitivity (NETD)	<40mK
FPA Refresh Rate	50Hz
Digital Zoom	1X, 2X, 4X, 8X
Internal Display	Full Size: 0.6-Inch Diagonal, AMOLED, Colour, 800x600
Imaging Modes	Monochrome (White-Hot / Black-Hot) and 8 Colour Palettes
Shot-Initiated FOV Feature (SIF)	Built-In Adjustable Shock Sensor
Digital Passive Stadiametric Rangefinder (SRF)	Yes
Digital Detail Enhancement Feature (DDE)	Yes
Wide Dynamic Range Feature (WDR)	Yes
Stow Safety Feature (SSF)	Yes
Integrated 9-Axis Absolute Orientation HUD (Heads-Up Display)	Optional: 3-Axis Sensors - Magnetometer, Accelerometer and Gyroscope
Integrated Compass	Optional
Pitch / Roll / Azimuth Indications	Optional
Real-Time Date-Time Stamp	Yes: Simplified, Extended, DTG Formats
Digital Video Recorder with Real-Time Stamp	Optional: Comes with removable 32GB microSD card
Electronic Reticles	Can be Enabled for Standalone Sight Configuration: 8+8 Patterns, Easy Zeroing / Calibration
Detection Capability: Man (1.7x0.5m) / NATO Target (2.3x2.3m)	2500m / 3380m
Mounting to Dayscope	On-Rail, On-Scope Direct, On-Scope Via Clamp/Adapter
Optimal Dayscope Magnification Range	3X .. 12X
Hand-Held / Tripod-Mounted Capability	Yes: Hand-Held and Tripod-Mountable
Conversion to Standalone (Direct View) Sight	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
Environmental Protection	Min. IP67, Nitrogen-Purged Housing
Dimensions	193 x 66 x 66 mm
Weight	620 grams
Operating Temperature	-40°C .. +50°C
Warranty	7 Years, Limited
Made In Canada	ITAR-Free

TI-GEAR-C675 TECHNICAL DATA

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**STANDARD EQUIPMENT: WHAT'S IN THE BOX**

1	Thermal Imaging Clip-On Sight
2	Clip-On Eyepiece with Rubber Shroud ( <i>Attached</i> )
3	Front Lens Protective Cover ( <i>Attached</i> )
4	Dual Lever Adjustable Rifle Mount DLM ( <i>Attached, PICATINNY, with fine-tune knobs for tolerance adjustments</i> )
5	USB Power Cable
6	Video-Out Cable
7	Soft Carrying Pouch
8	User Manual
9	Quick Reference Card
10	Waterproof Hard Carrying Case
11	Cleaning Kit ( <i>3-in-1 Multi-Pen + Cleaning Cloth</i> )

\* Batteries not included

**OPTIONAL EQUIPMENT**

A	Universal Remote Control Unit <b>TRC-120</b> ( <i>Comes with connection cable</i> )
B	Universal Multi-Voltage Battery Pack <b>MVP-240™</b> ( <i>Comes with connection cable</i> )
C	Built-In Digital Video Recorder <b>GS-DVR-INT</b> ( <i>Comes with 32GB microSD card and SD adapter</i> )
D	External Digital Video Recorder <b>GS-EDVR</b> ( <i>Comes with set of cables and 32GB SD card</i> )
E	Portable Head-Mounted Display <b>HMD-800-MOD</b> ( <i>streams thermal video directly from the device</i> )
F	<b>MTAR™-HUD</b> Heads Up Display ( <i>streams video directly from the unit; equipped with built-in DVR, GPS, Integrated 9-Axis Absolute Orientation HUD</i> )
G	Integrated <b>9-Axis Absolute Orientation HUD</b> (Heads-Up Display), 3-Axis Sensors for Compass Reading, Inclinometer/Pitch Reading, and Level/Roll Reading
H	Heavy-Duty Quick Release Rifle Mount <b>MAK-QR-BLASER</b> ( <i>Blaser, Adapter included</i> )
I	Heavy-Duty Quick Release Rifle Mount <b>MAK-QR-PICATINNY</b> ( <i>PICATINNY, Adapter included</i> )
J	Heavy-Duty Rifle Mount <b>MAK-PICATINNY</b> ( <i>PICATINNY, Adapter included, Allen Key Included</i> )
K	Adapter for MAK Mount: Regular Length ( <b>ADAPTER-REG</b> ) or Extended Length ( <b>ADAPTER-EXT</b> )
L	Direct View Eyepiece <b>GSCI-LR-EYEPIECE</b>
M	Long Eyerelief Rubber Eyecup <b>GSCI-EYECUP-LR</b>
N	Day Scope Adapter Clamp for COA for direct mounting onto daytime optics, <b>CO-DSA</b> ( <i>various sizes available</i> )