



ELITE GRADE THERMAL
CLIP-ON SIGHT

CTS-230-64



GSCI's Elite Grade Clip-On Thermal Weapon Sights CTS-230-64 are designed for close to medium-range engagements. Utilizing the quick release weapon mount, the CTS-230-64 easily attaches to and detaches from standard 1913 Picatinny rails in front of daytime scopes. This gives the operator the ability to deploy it on multiple weapon platforms without the need to dedicate a thermal scope.

CTS-230-64 sights have built-in digital collimator which allows the easy pairing with the host day scope.



KEY FEATURES

- ♦ Auto-NUC FPA 640x480
- ♦ 50Hz Refresh Rate
- ♦ Vehicle Detection Range: up to 2250m
- ♦ 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

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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ELITE GRADE THERMAL CLIP-ON SIGHT

CTS-230-64

Optical Magnification	1X
Objective Lens	50mm, f/1.0
Field of View	12.4°x9.3°
Focusing Range	2m .. 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	AMOLED, Colour, 800x600
Imaging Modes	1 Monochrome + 8 Colour
Digital Video Recorder	Built-In with microSD Card
Detection Man (1.7x0.5m)	Up to 1660m
Detection Vehicle (2.3x2.3m)	Up to 2250m
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	230x90x65
Weight	1100 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)
- Completely Silent System Operation
- Precision-Machined Rugged Aluminum Body
- 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

Fits MIL-STD-1913
Rails

Fast Objective Lenses with
High-Grade Germanium Glass

