

CTS-230-64

Elite Grade Tactical Clip-On Thermal Weapon Sights



KEY FEATURES

- ▶ Objective Lens: 50mm f/1.0
- ▶ FPA: 640x480, Auto-NUC
- ▶ Refresh Rate: 50Hz
- ▶ Built-In Digital Recorder
- ▶ Battery life: up to 10 hours
- ▶ Integrated Stadiametric Rangefinder
- ▶ 7-Year Warranty
- ▶ Made in Canada. ITAR-free

OVERVIEW

The 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.

DETECTION RANGES



Up to 2,250 m



Up to 1,660 m

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CTS-230-64 FEATURES

- High-Resolution Uncooled FPA: 640x480
- Fast Refresh Rate: 50Hz
- Quality and “Fast” Germanium Lens
- Built-In Video Recorder
- Ultra-Low Power Consumption
- Stow Safety Feature (SSF)
- Precision-Machined Rugged Aluminum Body
- Weapon-Mountable: Fits 1913 Rails
- Video-out for External Display and Recording
- Stadiametric Rangefinder
- High-Res AMOLED Display 800x600
- 24-hour Operation
- Remote Control Unit
- Manual and Auto FPA Sensitivity Adjustment
- Manual Display Brightness Adjustment
- Black Hot / White Hot Polarity Control
- External Power Supply Compatibility
- Complete Dust- and Waterproof Protection
- Available for Worldwide Export
- 7-Year Manufacturer’s Warranty
- Made in Canada

CTS-230-64 REAL-LIFE PERFORMANCE



CTS-230-64

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800x600 AMOLED
Display

Full-Size Ergonomic
Keypad with Tactile
Feedback

640x480 High-Performance FPA

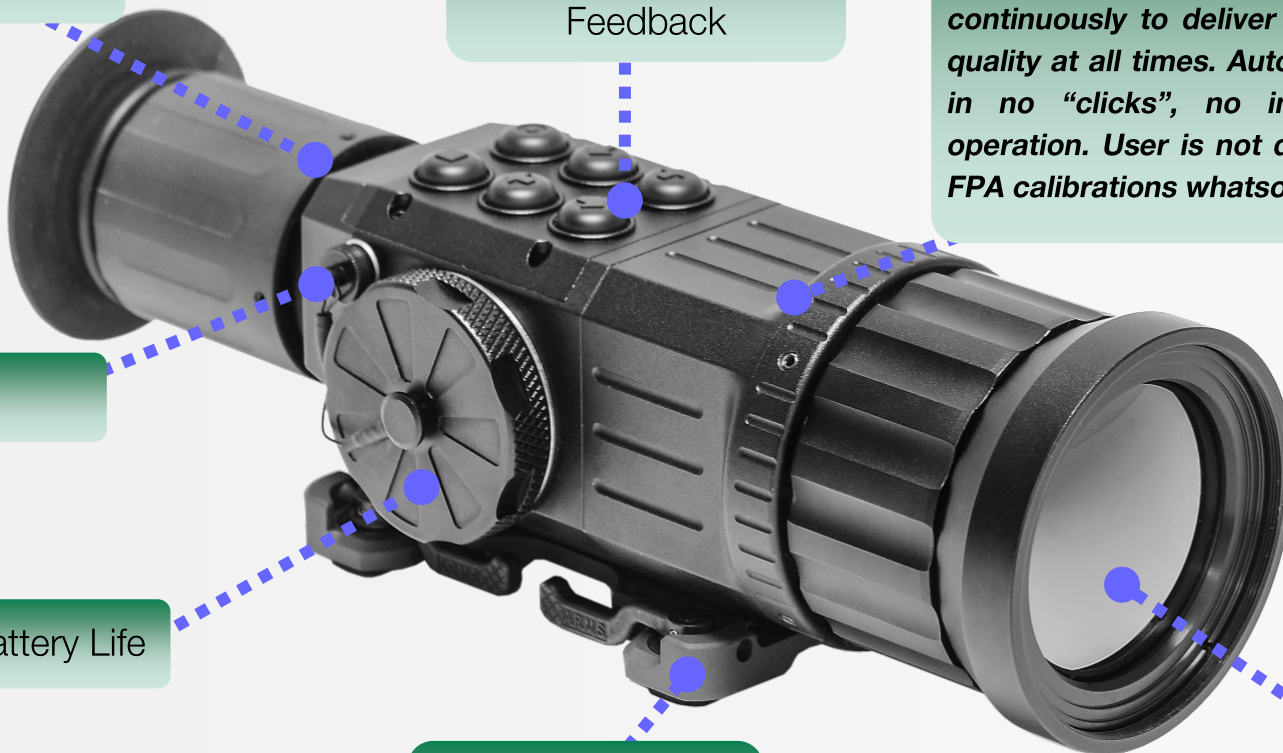
Non-Uniformity Correction (NUC, calibration) of FPA is performed automatically, instantly and continuously to deliver crisp and highest image quality at all times. Auto-NUC technology results in no “clicks”, no interruptions in device’s operation. User is not distracted to perform any FPA calibrations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

Universal Port

Up to 10 Hours Battery Life

Fits MIL STD 1913
Picatinny Rail

50mm f/1.0 “Fast”
Germanium Lens



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TECHNICAL SPECIFICATIONS

Optical Magnification	1X
Lens Focal Length and F-Number	50mm, f/1.0
Field of View	12.4° x 9.3°
Focusing Range	3m .. 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 (32 GB microSD Card Included)
Max. Detection Human (1.7x0.5m)	1,660 m
Max. Detection Vehicle (2.3x2.3m)	2,250 m
Accepted Batteries	4pcs AA, any kind: Lithium, Rechargeable, Alkaline, etc.
Battery Life	Up to 10 Hours
Environmental Protection	IP67 or Better (Optional)
Dimensions	230x90x65mm
Weight	1100 grams
Operating Temperature	-40°C .. +50°C
Warranty	7 Years, Limited
Export	Available Worldwide *



* Canadian Export Permit Required.