

THERMÍS MK2



Family of Extended Range Multi-Purpose Thermal Sights

Proven uncooled IR sensor technology for superior image quality

Intuitive user control

Built-in Digital Magnetic Compass

Brightness Auto Adjustment

Customizable Reticle Libraries

Connectivity WiFi, Bluetooth

Cutting Edge Image Enhancement Algorithms



Video storage
Image capture and storage
Energy efficient (> 8 hours)
Quick start-up (< 3 seconds)
Power supply: 3 AA batteries
Ruggedized military design

State-of-the- art uncooled thermal sensor 12µm

SENSORS THERMIS Mk2 family of uncooled Extended Range Thermal Sights was developed to provide soldiers with an unrivaled day / night advantage in detecting, observing and engaging hostile targets, independent of darkness and common obscurants used for visual concealment.

Both THERMIS Mk2 models can be used either as a Clip-on, or as a stand alone Weapon Sight for Sharpshooter or Sniper Rifles or in any weapon platform up to 0.50" caliber for targeting and observation. A unibody mechanical design esnures endurance in the harshest environments.

The THERMIS Mk2 ELR & XELR sights incorporate the latest IR sensors, electronics and optical technologies to deliver field-proven performance and reliability. The in-house developed and customer-tailored electronics coupled with an intuitive user interface deliver maximum range performance. User-selectable image enhancement and region-of-interest settings result in an enhanced user experience, while automatic local contrast enhancement delivers superior image quality. The built-in digital compass and inclinometer provide range estimation and target orientation. Modern inter-connectivity options provide agile and customizable integration with a broad range of platforms.

Rear-positioned controls accompanied by an electrical remote control and honeycomb-style reflection suppressor allow for covert operation under all conditions (optional accessories).

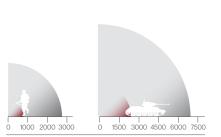


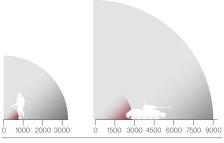
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Technical Specifications

	EXTRA LONG RANGE	x EXTRA LONG RANGE
USE		
Weapon compatibility		s, Grenade Launchers, 0.50" Sniper / MG
Optimum Day Scope Co-Use	3-25X Magnified Sights	5-50X Magnified Sights
IR SENSOR	8-14 µm (LWIR)	
Spectral response Sensor Array	640 x 480 px	
Pixel Pitch	12 µm	
NETD	<60 mK	
OPTICS	\0011II\	
Optical Magnification	1X	
Digital Magnification		2X / 4X
Field of View (HxV)	6.3°× 4.7°	5.3°x 4.0°
Focus range	Į.	5 m to infinity
WEAPON SIGHT MODE		
Optical Magnification	2X	
Reticle Overlay	> 10 saved	
FEATURES		
Digital Magnetic Compass	YES	
Display Brightness Adjustment	YES, Manual or Automatic	
MICRO-DISPLAY		
Type	OLED, High Brightness	
Color	Black & White or Color	
Image Video Palettes	Black-Hot, White-Hot, Outline	
ELECTRONICS / CONNECTIVITY		A A halla 'aa
Power Source	3 AA batteries	
Battery Operating Life @25°C Power Up Time	> 8 hours < 3 s	
I/O Port	External Power, Video Out, USB2, Serial	
Wi-Fi / Bluetooth (optional)	YES/YES	
Image Storage	JPEG, > 1000 snapshots	
Video Storage	or Ea,	H.264
PHYSICAL CHARACTERISTICS		11.201
Color	Various color options available	
Weight	< 850 g	< 1000 g
Mounting Interface		nny (MIL-STD 1913)
ENVIRONMENTAL CHARACTERISTIC		
Immersion	10 m	
MIL-STD 810G, MIL-STD 461E	Full Characterization	





● RECOGNITION ● DETECTION

EXTRA LONG RANGE

x EXTRA LONG RANGE