



ENGEREK® C48 THERMAL WEAPON SIGHT



ENGEREK® C48 THERMAL WEAPON SIGHT (CLIP-ON)

General Features

ENGEREK-C48 sniper thermal weapon sight is designed to be used together with the daytime optical sight on sniper rifles. ENGEREK-C56 has the ability to detect people and vehicles continuously for 24 hours even in poor visibility conditions, and unlike night vision devices, it can easily detect targets in complete darkness and combat environment.

The ENGEREK-C48 has the latest uncooled thermal imager technology, lightweight, compact and has low power consumption. There is no reticle and sight zeroing device on the Thermal Scope, and the reticle and sight zeroing capabilities of the daytime optical scope are utilized.



FOV: 9.3° x 7.45°



Image & Video Record



-30°C to + 50°C



360 min



Min 5 Color Palette



1X Optical Magnification



Identification Range

600m



Detection Range

1500m



Standard Accessories

- Transportation Container
- Bellows/Eye Cup
- Mounting Bracket
- Protective Cover
- Remote Control
- Charging Device
- Vehicle Adapter
- Socket Adapter
- USB Cable
- Battery
- Booklet
- Cleaning Kit



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Technical Specifications		
Model		C48
OPTIC SPECIFICATIONS	FOV	9.3° x 7.45°
	Optic Zoom	1X
	Digital and Optic Total Zoom	1.0 ~ 8.0X
	Detection Distance <i>(0.75x1.8 m Human Silhouette Target 1.5 cycle)</i>	1500m
	Identification Distance <i>(0.75x1.8 m Human Silhouette Target 3.8 cycle)</i>	600m
DETECTOR SPECIFICATIONS	Technology	Uncooled μ B
	Resolution	640x512
	Spectral Band	LWIR (8-14 μ m)
	Pixel Pitch	12 μ m
	NETD <i>(with F1.0 lens)</i>	50mK
	Image Rate	min 25 Hz
	Polarity	Warm White, Cold White
	Color Palettes	Min 5
GENERAL SPECIFICATIONS	Lining	Digital Noise Reduction, Digital Detail Enhancement
	Multimedia	Image and Video Capture
	Battery Count, Type	2 pcs Lithium Polymer 18650
	Battery Life <i>(Normal Use)</i>	360min
	Outline Contour	Yes
	WIFI Connection	Yes
	Remote control	Yes
	Inclinometer	Yes
	Bullet counting	Yes
	Color	Type 3 Hard Anodized with TAN Color Coating Screw, cover, button, accessories and other parts may have different colors
	Body Material	Aluminium 7075-T6
	Rail Interface	Compatible with STANAG 4684 Attachable-detachable without any tool, lock mechanism against self-opening No more than 0.5 MOA change during assembly/disassembly of target line and between shoots
	Optic Axis Height	Height of colorimeter/ocular optic axis above Picatinny rail is 40 \pm 3mm
	Target Angle	The height between colorimeter's optic axis and Picatinny rail increases with an angle of 40 \pm 3 MOA as it moves towards the user
	OLED Resolution	1024x768
	OLED Type	Colored
Device Dimensions <i>(Length x Width x Height) (cm)</i>	-	
Total Weight of Device and Mounting Bracket <i>(Without Accessories)</i>	-	
ENVIRONMENTAL CONDITIONS	Seal	Device maintains its seal for two hours under atmospheric pressures between 0.5-1.5 Usable between 0.7-1.3 atm
	Temperature Shock	Transferable to temperatures between -40 - +50°C after resting at ambient temperature for 5 minutes
	Working Temperature	-30°C / + 50°C
	Storage Temperature	-40°C / + 70°C