



ENGEREK® C70 THERMAL WEAPON SIGHT



ENGEREK® C70 THERMAL WEAPON SIGHT (CLIP-ON)

General Features

ENGEREK-C70 sniper thermal weapon sight is designed to be used together with the daytime optical sight on sniper rifles. ENGEREK-C70 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-C70 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: 6.4° x 5°



1.2kg



20cm x 8.2cm x 12.5cm



Image & Video Record



-30°C to + 50°C



360 min



Min 5 Color Palette



8X Digital Magnification



Identification Range

1500m



Detection Range

2500m



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		
Use		Clip-On
Model		C70
OPTIC SPECIFICATIONS	View Angle	6.4° x 5°
	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>	2500 m
	Identification Distance <i>(0.75x1.8 m Human Silhouette Target 3.8 cycle)</i>	1500 m
DETECTOR SPECIFICATIONS	Technology	Uncooled μ B
	Resolution	640x512
	Spectral Band	LWIR (8-14 μ m)
	Pixel Pitch	12 μ m
	NETD	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 Recording
	Battery Count, Type	2 units of Lithium Polymer 18650
	Battery Life <i>(Normal Use)</i>	360 dk
	Color	Type 3 Hard Anodized with TAN Color Coating Screw, cover, button, accessories and other parts may have different colors
	Body Material	Alüminyum 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	Color
	Device Dimensions <i>(Length x Width x Height)</i> <i>(cm)</i>	20 x 8.2 x 12.5
	Total Weight of Device and Mounting Bracket <i>(Without Accessories)</i>	1,2 Kg
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 ile + 50°C
	Storage Temperature	-40°C ile + 70°C