



# ENGEREK® C120 THERMAL WEAPON SIGHT



## ENGEREK® C120 THERMAL WEAPON SIGHT (CLIP-ON)

### General Features

ENGEREK-C120 sniper thermal weapon sight is designed to be used on sniper rifles. ENGEREK-C120 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-C120 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.



FOV: 3.7° x 3°



1.8kg



25cm x 15cm x 10cm



Image & Video Record



-30°C to + 50°C



360 min



Min 5 Color Palette



1X Optical Magnification



Recognition Range

2000m



Detection Range

3500m

### 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		C120
OPTIC SPECIFICATIONS	FOV	3.7° x 3°
	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>	3500m
	Recognition Distance <i>(0.75x1.8 m Human Silhouette Target 3.8 cycle)</i>	2000m
DETECTOR SPECIFICATIONS	Technology	Uncooled $\mu$ B
	Resolution	640x512
	Spectral Band	LWIR (8-14 $\mu$ m)
	Pixel Pitch	12 $\mu$ m
	NETD <i>(with F1.0 lens)</i>	40mK
	Image Rate	min 25 Hz
	Polarity	Warm White, Cold White
	Color Palettes	Min 5
GENERAL SPECIFICATIONS	Image Processing	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
	OLED Resolution	1024x768
	OLED Type	Colored
	Device Dimensions <i>(Length x Width x Height)</i>	25cm x 15cm x 10cm
	Total Weight of Device and Mounting Bracket <i>(Without Accessories)</i>	1.8 Kg
ENVIRONMENTAL CONDITIONS	Immersion	30 min at 1 meter water
	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