



ENGEREK® S48 THERMAL WEAPON SIGHT



ENGEREK® S48 THERMAL WEAPON SIGHT (STAND-ALONE)

General Features

ENGEREK-S48 sniper thermal weapon sight is designed to be used stand-alone. ENGEREK-S48 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-S48 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° x 7°



850 g



-30°C to + 50°C



360 min



Min 5 Color Palette



3X Optical Magnification



Identification Range

300m



Detection Range

1500m

Standard Accessories

Hard Case
Eye Cup
Protective Cover
Battery Charger
User Manual
Cleaning Kit





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Technical Specifications		
Use	Clip-On	
Model	S48	
OPTIC SPECIFICATIONS	View Angle	9° x 7°
	Optic Zoom	3X
	Digital and Optic Total Zoom	6X - 12X
	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>	300m
DETECTOR SPECIFICATIONS	Technology	Uncooled μ B
	Resolution	640x480
	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	Battery Count, Type	2 units of Lithium Polymer 18650
	Battery Life (Normal Use)	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	MIL-STD 1913
	OLED Resolution	1024x768
	OLED Type	Color
	Device Dimensions <i>(Length x Width x Height) (cm)</i>	22 x 9.5 x 9.5 cm
	Total Weight of Device and Mounting Bracket <i>(Without Accessories)</i>	850 g
ENVIROMENTAL CONDITIONS	Working Temperature	-30°C ile + 50°C
	Storage Temperature	-40°C ile + 70°C

