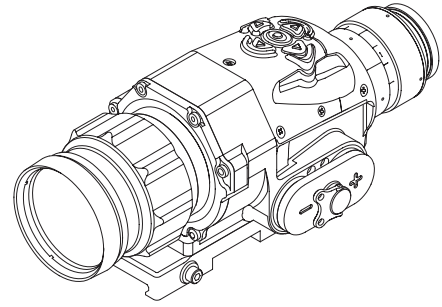


ENGEREK-S48

THERMAL WEAPON SIGHT



Thermal Imaging with Multiple Color Palettes



GENERAL FEATURES

S48 is a lightweight, high-performance uncooled thermal weapon sight designed for short- and medium-range operations. Its thermal detector and advanced optical system enable the operator to detect and precisely engage targets with high image quality in complete darkness and limited visibility conditions.

The S48 delivers clear thermal imaging, long battery life, and reliable continuous performance. Its compact and durable design ensures resistance to harsh field conditions. An optional Wi-Fi connection enables real-time image streaming.

SPEC SUMMARY

Usage	Standalone
Detector Type	Uncooled μ B
Spectral Band	8-14 μ m
Detector Resolution	640x512
Field of View	9.2° x 7.3°
Optical Magnification	3X
Digital Magnification	2X-4X-8X



Detection

2300m



Recognition

770m



Detection

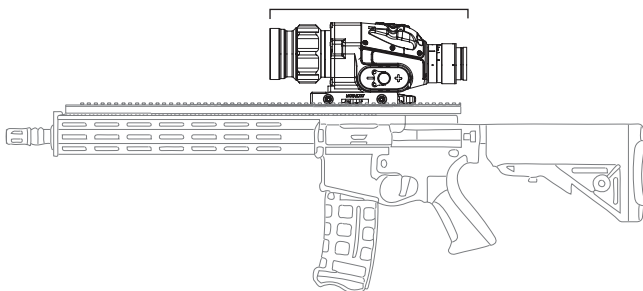
4500m



Recognition

1500m

S48

OPERATING TIME
≥8hWEIGHT
<850gDIMENSIONS (mm)
227 x 98 x 85

*These calculations have been performed according to the Johnson criteria. Actual performance may vary depending on atmospheric conditions, temperature, humidity, fog, precipitation and other environmental factors.
*A tolerance of ±10% applies to all parameters.