

ENGEREK-S120 / S120HD

THERMAL WEAPON SIGHT



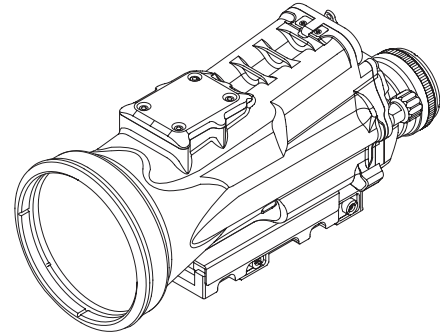
Thermal Imaging with Multiple Color Palettes



GENERAL FEATURES

S120 is a premium uncooled thermal sight developed for ultra-long-range surveillance and precision targeting missions. It enables high-resolution target detection and identification at extended distances.

An optionally integrated laser rangefinder provides fast and accurate distance measurement. With its advanced digital image processing architecture, long battery life, and rugged housing designed to withstand harsh environmental conditions, the S120 delivers reliable performance in long-range tactical operations.



SPEC SUMMARY

	S-120	S-120HD
Usage	Standalone	
Detector Type	Uncooled μB	
Spectral Band	8-14 μm	
Detector Resolution	640×512	1280×1024
Field of View	3.66° x 2.99°	7.31° x 5.85°
Optical Magnification	7.5X	3.77X
Digital Magnification	2X-4X-8X	



Detection

5800m



Recognition

1900m



Detection

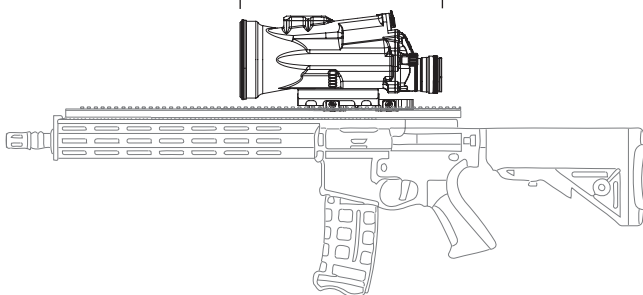
11000m



Recognition

3800m

S120 / S120HD



OPERATING TIME
≥8h



WEIGHT
<1.45kg



DIMENSIONS (mm)
285 x 115 x 125

*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.