

ENGEREK-C120 / C120HD

CLIP-ON THERMAL WEAPON SCOPE



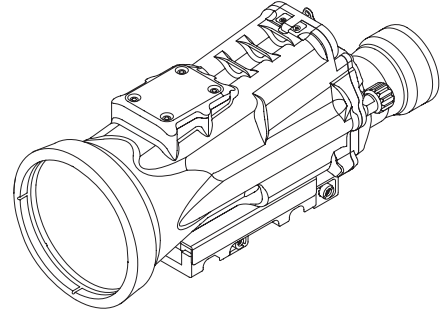
Thermal Imaging with Multiple Color Palettes



GENERAL FEATURES

C120 is a premium uncooled clip-on thermal sight developed for ultra-long-range surveillance and precision targeting missions. It enables high-resolution target detection and identification at extended distances. Its clip-on design allows it to be mounted in front of existing daytime optics without re-zeroing.

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 C120 delivers reliable performance in long-range tactical operations.



SPEC SUMMARY

	C-120	C-120HD
Usage	Clip-On	
Detector Type	Uncooled μB	
Spectral Band	8–14 μm	
Detector Resolution	640×512	1024×768
Field of View	3.66° x 2.93°	5.85° x 4.39°
Optical Magnification	1X	
Digital Magnification	2X-4X-8X	



Detection **5800m**



Recognition **1900m**



Detection **11000m**



Recognition **3800m**



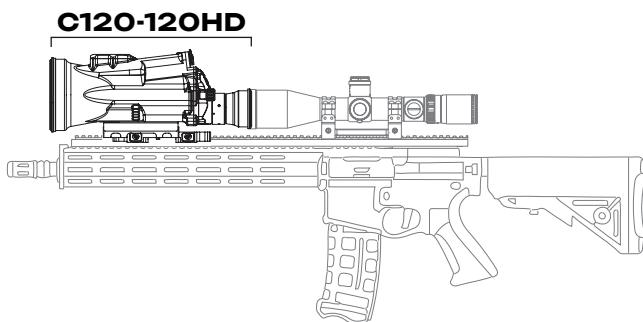
OPERATING TIME
≥8h



WEIGHT
<1.5kg



DIMENSIONS (mm)
295 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.