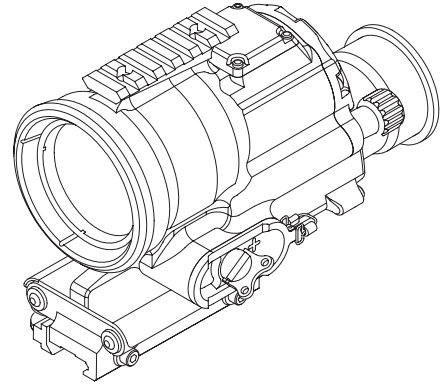


ENGEREK-C45

CLIP-ON THERMAL WEAPON SCOPE



Thermal Imaging with Multiple Color Palettes



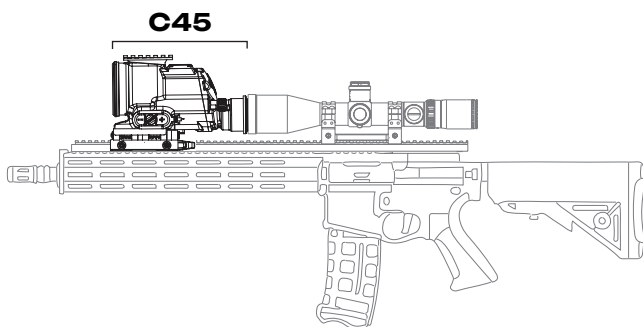
GENERAL FEATURES

C45 is a detachable uncooled thermal sight developed for medium- and long-range operations, fully compatible with daytime optics. Its 45mm objective lens enables effective target detection and identification, while its clip-on design converts existing optics into a thermal system without requiring re-zeroing.

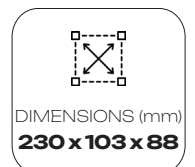
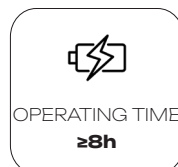
Providing high-quality thermal imaging in low-visibility conditions, the C45 ensures reliable field use with rapid deployment, long battery life, and a compact, rugged design.

SPEC SUMMARY

Usage	Clip-On
Detector Type	Uncooled μB
Spectral Band	8-14 μm
Detector Resolution	640x512
Field of View	9.75° x 7.81°
Optical Magnification	1X
Digital Magnification	2X-4X-8X



	Detection		2100m
	Recognition		720m
	Detection		4300m
	Recognition		1430m



*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.