

ENGEREK C

MULTI-FUNCTIONAL THERMAL BINOCULAR



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General Features

ENGEREK C integrates with uncooled thermal camera, visible camera, GPS, Digital compass, WiFi, eye-safe laser range finder. Can be used for target searching, locates the targets position, and take photo and video.

Application

Border Security / Law Enforcement / Patrol / Target Search

Thermal Camera
Detection Distance (NATO Target) >4.5 km

Visible Camera
Detection Distance (NATO Target) >6 km



Thermal Camera

Resolution	640*512
Detector	VOx, 12μm
Optic	70mm, F# 1.0
FOV	6°×4.5°
Detection distance(NATO Target)	>4.5km

Visible Camera

Sensor	1920x1080 (2.7μm) CMOS
FOV	3.1°×2.2°
Detection distance(NATO Target)	>6km

Laser Range Finder

Maximum measurement distance	6km
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Power

Battery	18650 x 6pcs
Continuous working hours	≥ 10h

Display

Resolution	1280×1024 OLED
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Dimension

Size	≤ 230×175×100mm
Weight	≤ 1.7Kg

Interface

GPS, BD, Digital Compass, WiFi, Build in Memory (64GB) PAL, USB, RS232	≤ 230×175×100mm
Weight	≤ 1.7Kg

Environment

Operating temperature	-40° ~ +60°
Protection grade	IP67