

Multi-Function Thermal Binocular

The Model-C is a compact, rugged thermal binocular, engineered for tactical and surveillance operations. Featuring an **uncooled thermal sensor, visible camera, GPS, digital compass,** and **eye-safe laser rangefinder,** it delivers real-time target location, imaging, and distance measurement in any environment.

With WiFi connectivity for live streaming and on-board photo/video capture, the Model-C is ideal for **border security, law enforcement, and patrol applications,** offering reliable, multi-sensor performance in a lightweight, field-ready design.



Specification

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

Optic Zoom : 30x

Digital Zoom : 12x

Detection distance (NATO Target) : >6km

Laser Range Finder (LRF)

Maximum range : 6 km

Power Battery :

18650 x 6pcs Continuous working hours : ≥ 10h

Display

1280×1024 OLED

Dimension

Size : ≤ 230×175×100mm

Weight : ≤ 1.5 kg

Interface

GPS, BD, Digital Compass,

WiFi, Build in Memory (64GB)

PAL, USB, RS232

Environment

Operating temperature : -40°C ~ +60°C

Protection grade : IP67

