

C4I-TB-50C

Five Optical Channels HD Binoculars

Optical Channels Multi-function Binoculars

C4I-TB-50C Five Optical Channels Multi-function Binoculars is a small intelligent observation device integrating infrared, low-light, visible light and laser. It has built-in location module, digital magnetic compass, and laser rangefinder. With image fusion function, it can be used for day and night observation and target search. The images and videos can be taken, and the information can be uploaded in time. It is comfortable and portable to use.



Thermal Mode



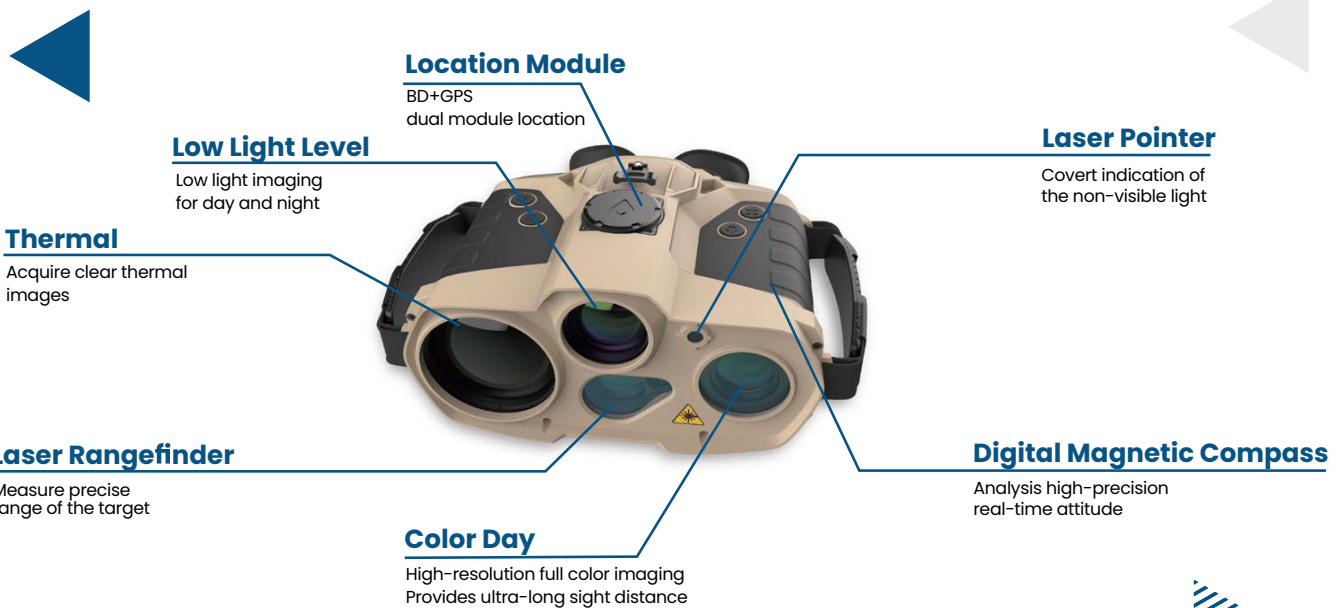
Daylight Mode



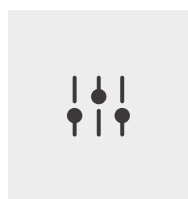
Fusion Mode



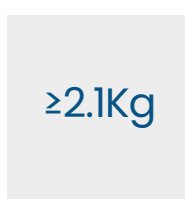
Low Light Mode



PRODUCT HIGHLIGHTS



5 Optical Channels



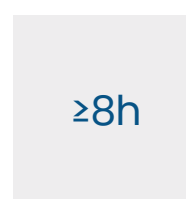
Light Weight



Multiple Functions



Intelligent



Long Battery life

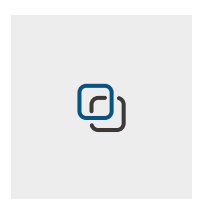


Image Fusion

FEATURES

◦ **Thermal Channel**

Resolution : 640×512, 12μm
Spectral Band : 8~14μm
FOV : 6.1°×4.8°

◦ **Color Day Channel**

Resolution : 4.6 megapixels
FOV : 4.6°×3.7°

◦ **Low Light Level Channel**

Resolution : 750×600
FOV : 6.8°×5.5°

◦ **Laser Rangefinder**

Eye Safe : 1535nm
Max Measuring Range : ≥6km
Measuring Accuracy : 2m

◦ **Location Module**

Location Mode : BD+GPS
Horizontal Location Accuracy (CEP) : 5m
Elevation Location Accuracy (PE) : 10m

◦ **Digital Magnetic Compass**

Azimuth Measurement Range : 0°~360°
Azimuth Measurement Accuracy : 0.5°(RMS)
Pitch Angle Measurement Range : -90°~+90°
Pitch Angle Measurement Accuracy : 0.4°(RMS)
Inclination Angle Measurement Range : -180°~+180°
Inclination Angle Measurement Accuracy : 0.5°(RMS)

◦ **Weight**

≤2.1kg (With Battery)

◦ **Operating Time**

≥8h

◦ **Dimension**

198×210×105mm

◦ **Interface**

External Power Supply/USB/PAL/RS232
HDMI
WIFI

◦ **Operating Temperature**

-40°C~+55°C

◦ **Encapsulation**

IP67

◦ **Laser Pointer**

Wavelength : 830nm
Security level : Class IIIA

◦ **Display**

1280×1024 OLED

◦ **Storage**

10000 JPG & 4h AVI

◦ **Ocular Lens Diopter**

-4~+4

OPERATING DISTANCE

