

C4i **communication**

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TE-CI-MFB Cooled Infrared Multi-function Binoculars



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TE-CI-MFB Cooled Infrared Multi-function Binoculars

TE Cooled Infrared Multi-function Binoculars is a small intelligent observation device integrating cooled infrared, visible light, and laser. It has built-in location module, digital magnetic compass, continuous zooming infrared lens and visible lens, laser rangefinder, WIFI module. With the functions of self-localization, target location, target labelling, and target identification, it is portable to be used for day and night observation and target searching. Fusion mode supports small field-of-view fusion.



Thermal Mode



Color Day Mode

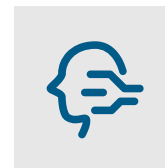
PRODUCT HIGHLIGHTS



Image Fusion



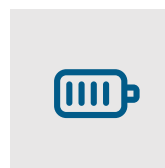
Multiple Functions



Intelligent



Light Weight

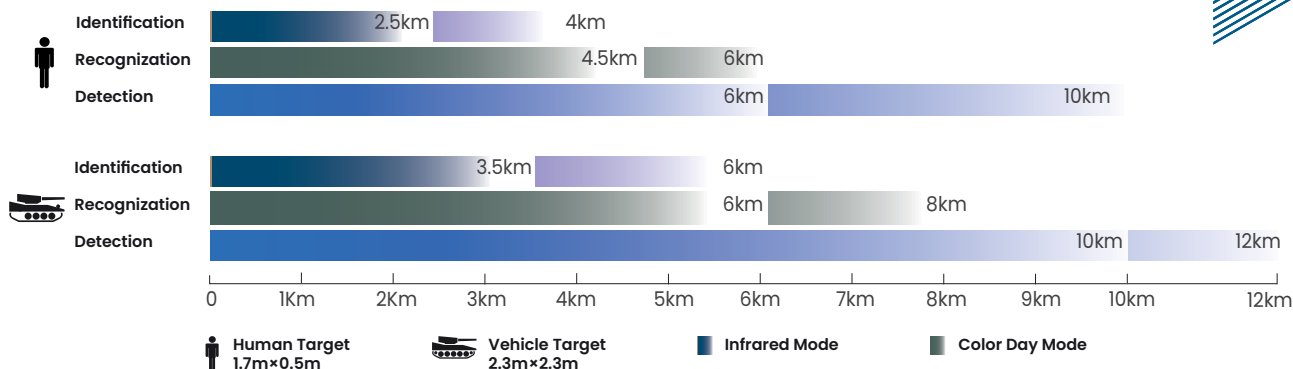


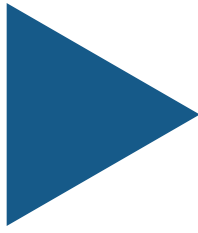
Long Battery Life

SPECIFICATIONS

Optical specifications		
Item	Thermal Channel	Color Day Channel
Resolution	640×512, 15μm	2430×1944, 2.7μm
Spectral Band	3.7~4.8μm	0.4~0.63μm
FOV	18.2°×14.6°~2.3°×1.8°	31.3°×25.1°~3.1°×2.5°
Optical magnification	1.8-14.7 X	1.1-10.9 X
Laser Rangefinder		
Wavelength	1535nm	
Max Measuring Range	50m~10km	
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	1° (RMS)	
Pitch Angle Measurement Range	-90°~+90°	
Pitch Angle Measurement Accuracy	1° (RMS)	
Inclination Angle Measurement Range	-180°~+180°	
Inclination Angle Measurement Accuracy	1° (RMS)	
Complete Device Information		
Display	1280×1024 OLED	
Storage	10000 JPG&4h AVI	
Ocular Lens Diopter	-4~+4	
Weight	≤3.4kg (With battery)	
Operating Time	≥6h	
Dimension	260×240×120mm	
Interface	USB/PAL/RS232/WIFI/BLUETOOTH	
Operating Temperature	-40°C~+55°C	
Storage Temperature	-55°C~+70°C	
Encapsulation	IP67	

OPERATING DISTANCE





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FOR MORE INFORMATION: contact@c4icommunication.com or +1 (302).981.1340