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THDB-30C **Three Optical Channels HD Binoculars**



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Three Optical Channels HD Binoculars

THDB-30C Three Optical Channels HD Binoculars has two HD observing channels. The color day channel has a resolution of 5,000,000 pixels, and the thermal imaging channel has a resolution of 800,000 pixels. With the built-in positioning module, digital magnetic compass, and laser rangefinder, it can quickly and accurately locate itself and the target. And the target information can be acquired and uploaded. THDB-30C has small size and low power consumption and is adaptive to various complex climates and environments.



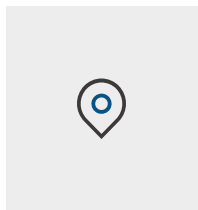
Color Day Mode



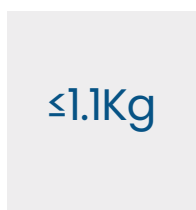
Thermal Mode



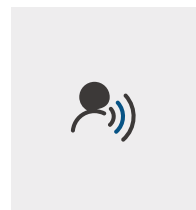
PRODUCT HIGHLIGHTS



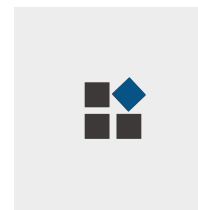
Targeting positioning system



Light Weight



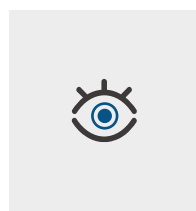
HD thermal images



Intelligent



Long Battery life



HD color day images

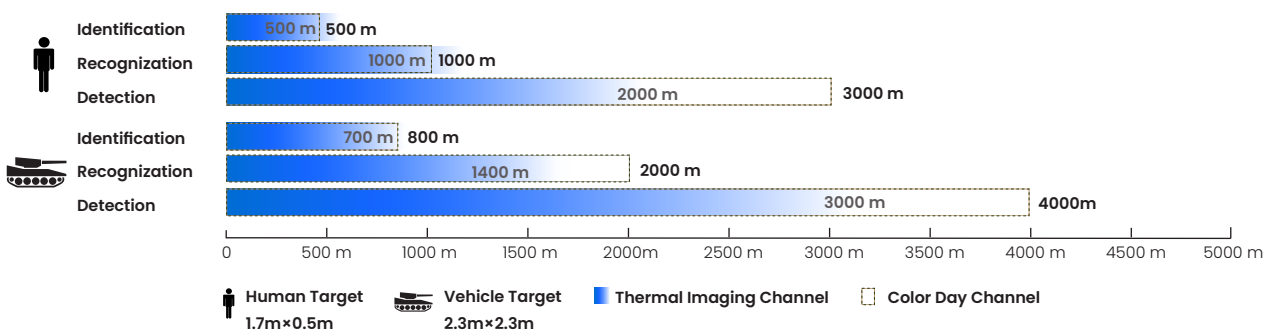
TECHNICAL DATE

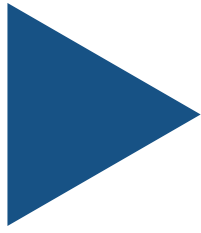


Item	Thermal Imaging Channel	Color Day Channel
Detector	1024×768, 12μm	2592×1944, 2.7μm
Spectral Band	8~14μm	0.4~0.63μm
FOV	15.5°×11.6°	13.3°×10.0°
Laser Rangefinder	Eye Safe : 1535nm Max Measuring Range : ≥3km Measuring Accuracy : 2m	
Positioning Module	Positioning Mode : BD+GPS Horizontal Positioning Accuracy (CEP) : 5m Elevation Positioning Accuracy (PE) : 10m	
Digital Magnetic Compass	Azimuth Measurement Range : 0°~360° Azimuth Measurement Accuracy : 0.2°(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)	
Display	1280×960 OLED	
Storage	10000 JPG&4h AVI	
Ocular Lens	-4~+4 (Diopter)	
Weight	≤1.1kg (With battery)	
Battery life	≥7h	
Dimension	143×164×73mm	
Interface	External Power Supply/USB/PAL/RS232/WIFI	
Operating Temperature	-40°C~+55°C	
Storage Temperature	-55°C~+70°C	
Encapsulation	IP67	
Operating Distance	Thermal Imaging Channel	Color Day Channel
Human Target 1.7m×0.5m	Identification	500m
	Recognition	1000m
	Detection	2000m
Vehicle Target 2.3m×2.3m	Identification	700m
	Recognition	1400m
	Detection	3000m



OPERATING DISTANCE





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