

# AresX™ Infrared Thermal Imaging

## Bi-Optical Binocular Thermal Imaging Reconnaissance Device



*AresX™ Bi-Optical Binocular Handheld Thermal Imaging Reconnaissance Device combines infrared and visible light, which can be switched, and meets the needs of users under different conditions.*

*Strong environmental adaptability, work stably in the range of -40° ~ 60°. Easy to operate, light weight, long standby time, and high user experience.*

*Built-in video and picture taking function, convenient for users to obtain evidence. Long working distance, 1200 meters for humans, 1500 meters for vehicles.*

### SPECIFICATION

MODEL	CT-H2B		
Operating Distance	Target	Human (1.8m*0.5m)	Vehicle (2.3m*2.3m)
	Detecting Distance	1200m	1500m
	Identification Distance	1000m	1000m
Detector	Detector Type	Long-wave infrared uncooled focal plane array	
	Resolution	640*480	
	Pixel Size	17 μm	
	NETD	≤ 55 mk	
	Wavelength Band	8-14 μm	
Visible Light	Resolution	540 TV	
	Image Format	1/2	
	Prime Lens	50 mm	
	Minimum Illumination	0.0000025lx	
Positioning	Accuracy	10 m	
	Satellite	Beidou	
Infrared Lens	Focal Length	60mm, power-driven focusing	
	Field Angle	10.4° * 8.3°	
	F Value	1.0	
Image	Image Polarity	Black hot/White hot/High temperature red/Rainbow	
	Nonuniformity Correction	No block technology, continuous video output	

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MODEL	CT-H2B	
<b>Image</b>	Video Output	PAL
	Frame Frequency	≥ 50 Hz
	Digital Zoom	x2, x4
	Monitor	OLED
<b>Power Supply</b>	Working Hours	≥ 8 hrs
	Battery	Rechargeable standard lithium battery
<b>Physical Characteristics</b>	Size	220mm * 185mm * 90mm
	Weight	≤ 1700g
	Operating Temperature	-40°C ~ 60°C
	Storage Temperature	45°C ~ 65°C
	Protection Class	IP67