

# AresX™ Infrared Thermal Imaging

## Multifunction Binocular Handheld Reconnaissance Device



*AresX™ Multifunction Binocular Handheld Reconnaissance Device is a multifunctional handheld detector integrating infrared, visible light, laser ranging, GPS, and electronic compass. Compact structure, easy to operate, light weight, long standby time, and high user experience. Effective functions, strong stability, long observation distance, and high measurement accuracy.*

*The product can be used on day and at night to meet the user needs under different conditions. Strong environmental adaptability, work stably in the range of  $-40^{\circ}$  ~  $60^{\circ}$ . The maximum working distance for humans is 1800m, and 2400m for vehicles. In the field of uncooled handheld detectors, this is a low-price, high-value, and advanced high-end fusion product.*

### 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 $\mu$ m	
	NETD	$\leq 55$ mk	
	Wavelength Band	8-14 $\mu$ m	
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