

# AresX™ Infrared Thermal Imaging

## Binocular Handheld Infrared Thermal Imaging Reconnaissance Device



*AresX™ binocular handheld infrared thermal imaging reconnaissance device is compact and easy to carry. It can be widely used in night observation and target discovery, and can improve the ability for reconnaissance and combat at night. Light-weighted, with clear images and sensitive, the product has the functions of silent correction, video and picture taking and induction dormancy.*

*It is especially for public security border defense, anti-terrorism, anti-drug and armed police forces in night reconnaissance, hunt, as well as monitoring and observation in maritime, forest and other applications.*

### SPECIFICATION

MODEL	CT-H2	
Detector	Detector Type	Uncooled focal plane array
	Resolution	384 × 288
	Pixel Size	17 μm
	NETD	≤ 55 mk
	Wavelength Band	8-14 μm
Lens	Focal Length	50 mm
	F#	1.0
	Field Angle	11° × 8°
Ocular Lens	Distance of Exit Pupil	16 mm
	Amplification Factor	12X
	Diopter Adjustment	± 5SD
Image	Nonuniformity Correction	No block technology, continuous video output
	Frame Frequency	≥ 50 Hz
	Video Output	PAL
	Image Polarity	Black hot/White hot/Brown/Rainbow/Iron red/High temperature red
	Digital Zoom	X1, X2, X4
	Brightness/Contrast	Adjustable
	Monitor	LCD/OLED
Video/Picture	Yes	

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MODEL	CT-H2	
<b>Power Supply</b>	Working Hours	≥ 5hrs
	Battery Protection	Yes
	Battery	3.7V rechargeable lithium battery
<b>Physical Characteristics</b>	Size	194.3mm × 168.2mm × 63.7mm
	Weight	≤ 1400g
	Operating Temperature	-40°C ~ 60°C
	Storage Temperature	45°C ~ 65°C
	Protection Class	IP67
<b>Operating Distance</b>	Observing Distance	≥ 1000m