

# AresX™ Infrared Thermal Imaging

*Monocular Handheld Infrared Thermal Imaging Reconnaissance Device*



*AresX™ CT-H1 monocular handheld infrared thermal imaging reconnaissance device use 384\*288 uncooled detector, with a compact and exquisite structure, easy to operate. It is widely used.*

*Because of its superior portability, it is especially for tracking the target at night and can improve the ability to combat at night. With a strong ability to penetrate smoke, identify camouflage, work at all times, and a package of high-degree protection, it functions in harsh environments.*

## SPECIFICATION

MODEL	CT-H1	
<b>Detector</b>	Detector Type	Uncooled focal plane array
	Resolution	384 × 288
	Pixel Size	17 μm
	NETD	≤ 55 mk
	Wavelength Band	8-14 μm
<b>Lens</b>	Focal Length	20 mm
	F#	1.0
	Field Angle	27° × 20.4°
<b>Ocular Lens</b>	Distance of Exit Pupil	16 mm
	Amplification Factor	12X
	Diopter Adjustment	± 55D
<b>Image</b>	Nonuniformity Correction	No block echnology, continuous video output
	Frame Frequency	≥ 50 Hz
	Video Output	PAL
	Image Polarity	Black hot/White hot/Brown/Iron red/High temperature red
	Digital Zoom	X2, X4
	Brightness/Contrast	Adjustable
	Monitor	LCD/OLED
<b>Power Supply</b>	Battery	Built-in rechargeable lithium battery
	Battery Protection	Yes

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MODEL	CT-H1	
<b>Power Supply</b>	Working Hours	≥ 8 hrs
	Charging Interface	USB
<b>Physical Characteristics</b>	Protection Class	IP56
	Weight	≤ 500g
	Size	1600 × 57 × 55 mm
	Operating Temperature	-40°C ~ 60°C
	Storage Temperature	-45°C ~ 65°C
<b>Operating Distance</b>	Detecting Distance	≥ 500 m
	Identification Distance	≥ 300 m