

HT A3/A73



This product is a day and night dual purpose monocular infrared Thermal imager suitable for natural observation, search and rescue, outdoor exploration, sea operations, night patrols, personal security, and more.

- High pixel, easy to operate, strong earthquake resistance.
- Monocular observation, easy to carry forward observation by a single person.



HT-A3

Model	HT A3		HT A73
Infrared image resolution	384×288		256×192
LCD resolution	720×540		720×540
Detector type	VOx		VOx
Frame rate	50/60Hz		25Hz
Objective lens	25mm	35mm	15mm
Pixel spacing	17μm		12μm
NETD	≤40mK @ 25°C, F/1.0		≤50mK @ 25°C, F/1.0
Field angle	14.9°×11.2°	10.7°× 8°	11.7°× 8.78°
Eyepiece	Monocular display (adjustable curvature correction)		
Wavelength coverage	8~14μm		
Language	Chinese , English		
Magnification	1x/2x/4x		
Focusing mode	Manual		
Picture format	BMP		
WIFI	Support A3)		
Color palette	White hot,Black hot,Hot metal,Saturated yellow,Bird watching		
Battery type	18650 rechargeable lithium battery (3500mAh)		
USB	Type-C		
Working temperature	-10° C~+50° C		
Storage temperature	-30° C~+70° C		
Battery working time	≥10hours		≥5 hours
Product size	186× 69×68mm		186×69×68mm
Product weight	440g		420g

HT A4/A74



This product is a day and night dual purpose monocular infrared Thermal imager suitable for natural observation, search and rescue, outdoor exploration, sea operations, night patrols, personal security, and more.

- High pixel, easy to operate, strong shock resistance.
- Monocular observation, easy to carry forward
- Observation by a single person.



HT-A4

Model	HT A4		HT A74
Infrared image resolution	384×288		256×192
LCD resolution	720×540		720×540
Detector type	VOx		VOx
Frame rate	60Hz		25Hz
Objective lens	25mm	35mm	15mm
Pixel spacing	17μm		12μm
NETD	≤40mK@25°C,@F/1.0		≤50mK@25°C,@F/1.0
Field angle	14.9° × 11.2°	10.7° × 8°	11.7° × 8.78°
Eyepiece	Single eyepiece display (dioptric compensation adjustable)		
Wavelength coverage	8-14μm		
Language	Chinese , English		
Magnification	x1/x2/x4		
Focusing mode	Manual		
Picture format	BMP		
WIFI	Support (A4)		
Color palette	Whitehot , Black hot , Hot metal , Saturated yellow , Bird watching		White heat,Black heat,Shimmer,Red heat
Battery type	18650 rechargeable lithium battery (3200mAh)		
USB	Type-C		
Working temperature	-20° C~ +50° C		
Storage temperature	-30° C~ +60° C		
Battery working time	≥10hours		≥5hours
Product size	187.3×68×68mm		187.3×68×68.2mm
Product weight	541.2g		513g

HT A6/A7



This is a portable monocular handheld infrared telescope with easy operation and wide application scenarios. Comfortable to look at and provide clear, delicate thermal imaging, ideal for outdoor equipment.

- Monocular observation, easy for one person to carry forward observation
- Multiple parameters and color palettes can be set
- Take pictures and video of the target to support the middle of the picture



HTA6

Model	HT A6		HT A7
Detector Type	Vanadium Oxide Uncooled Infrared Focal Plane		
Pixel Size	12μm		
NETD	<50mK @25°C, F#1.0, 25Hz		
Focusing Mode	Manual		
Spectral Rangeage	8~14μm		
Infrared thermal resolution	256x192	384x288	
Focal Length	25mm	35mm	
Viewing Angle	7.03 x5.39°	10.7x8.0°	
Frame Rate	50HZ	50HZ	
Magnification	1x/2x/4x	1x/2x/4x/8x	
Display Resolution	0.39 Inch OLED		
Diopter Adjustment	-6D~4D		
Color Palette	White Hot, Black Hot, Fire Hot, Rainbow, Iron Red, Cold Color		
Language	Chinese, English		
Built-in storage	Built-in 16G		
Battery	2000mAh (18500 Rechargeable Lithium Battery)		
Battery Working time	≥ 5 hours	≥ 4 hours	
Working temperature	-20°C~+60°C		
Storage temperature	-30°C~+70°C		
Protection Level	IP66		
Product Size	192x68.9x62mm	200x68.9x62mm	
Product Weight	570g	5780g	
Other Specifications			
Lens		25mm	35mm
Detection Distance	Human	1181m	1653m
	Vehicle	3125m	4375m
Identification Distance	Human	295m	413m
	Vehicle	781m	1094m

HT A12/A16/A30



This product is a day and night dual purpose monocular infrared Thermal imager suitable for natural observation, search and rescue, outdoor exploration, sea operations, night patrols, personal security, and more.

- High pixel, easy to operate, strong seismic resistance
- Support wireless WIFI



HT A16

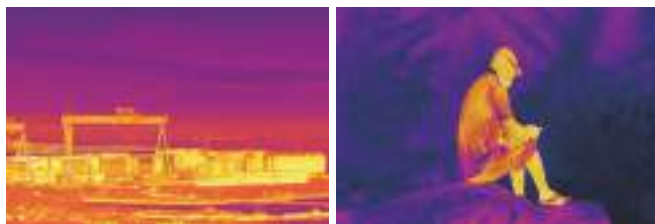
Model	HT A12	HT A16	HT A30		
Detector type	Vox	Vox	Vox		
Infrared image resolution	256x192	384x288	640x512		
Pixel spacing	12 μ m	12 μ m	12 μ m		
NETD	<50mK @25°C, F/1.0	<40mK @25°C, F/1.0	<40mK @25°C, F/1.0		
Frame rate	25Hz	25Hz	50Hz		
Spectral Rangeage	8 μ m~14 μ m	8 μ m~14 μ m	8 μ m~14 μ m		
Focusing mode	Manual	Manual	Manual		
Focal Length	15mm;19mm	25mm;35mm	25mm;35mm		
Eyepiece magnification	16×				
Diopter adjustment	±5D				
WiFi	Support				
Diaplay type	0.4 Inch OLED (1024×768)				
Magnification	1x/2x/4x/8x				
Color palette	White Hot, Black Hot, Fire Hot, Rainbow, Iron Red, Cold Color				
Language	Chinese,English,German				
Image/Video Format	JPG/MP4				
Battery type	18650 rechargeable lithium battery				
Battery working time	≥5.5 hours				
Working temperature	-20° C~ +60° C				
Storage temperature	-30° C~ +70° C				
IP rating	≥IP65				
Product size	187×67×67mm				
Product weight	520g				
Other Specifications					
Lens		15mm	19mm	25mm	35mm
Detection distance	Human	708m	897m	1181m	1653m
	Wild boar	625m	792m	1042m	1458m
	Cars	1875m	2375m	3125m	4375m
Identification distance	Human	177m	224m	295m	413m
	Wild boar	156m	198m	260m	365m
	Cars	531m	594m	781m	1094m

HT A101/A102/A103



This product is a day and night infrared Thermal riflescope suitable for natural observation, search and rescue, outdoor exploration, sea operations, night patrols, personal security, and more.

- Multiple parameters and color palette can be set to observe
- Observe and photograph the target day and night



HT A102

Model	HT A101	HT A102	HT A103-35	HT A103-50
Detector Type	Vox	Vox	Vox	Vox
Infrared thermal resolution	256x192	384x288	640x512	640x512
NETD	< 50mK@25°C, F#1.0	< 30mK@25°C, F#1.0	< 25mK@25°C, F#1.0	< 25mK@25°C, F#1.0
Focal Length	25mm	35mm	35mm	50mm
Viewing Angle	7.0°x5.4°	7.5°x5.7°	12.5°x10.0°	8.8°x7.0°
Pixel Size	12µm			
Spectral Rangeage	8~14µm			
Frame Rate	50Hz			
Ranging Range (Buildings)	10m~1200m			
Ranging Accuracy (Buildings)	< 400m ±1m, >400m ±0.4%			
Focusing Mode	Manual			
Display Screen	0.39 Inch OLED			
Display Resolution	1024x768			
Magnification	1x/2x/4x	1x/2x/4x/8x		
Dioptr Adjustment	-6D~+4D			
Hot Tracking/Picture in Picture	Support			
Color Palette	White Hot, Black Hot, Fire Hot, Rainbow, Iron Red, Cold Color			
Language	English			
Picture format	JPG/MP4			
USB Interface	TYPE-C			
Battery	3200mAh/2000mAh (18500 Rechargeable Lithium Battery)			
Protection Level	IP66			
Product Size	204x93x65mm	214x93x65mm	214x93x65mm	224x93x73mm
Product Weight	625g	665g	685g	705g
Other Specifications				
Lens	25mm	35mm	35mm	50mm
Detection Distance	Human	1180m	1653m	2361m
	Vehicle	3125m	4375m	6250m
Identification Distance	Human	295m	413m	590m
	Vehicle	781m	1094m	1563m