



HT-02/02D

## Thermal Imaging Camera

Handheld Thermal Imaging Camera is widely used in the Medical, Archaeological, transport, Agriculture and so on.

### Specification

Model	HT-02	HT-02D
Display	2.4" Color display	2.4" Color display
Resolution	60×60	32×32
Total pixels	3600	1024
FOV/Shortest focal length	20°×20°/0.5m	33°×33°
Thermal sensitivity	0.15°C	
Measuring mode	Infrared focal plane measuring temperature	
Temperature range	-20°C~300°C(-4°F~572°F)	
Measuring accuracy	±2% digital/±2°C	
Wavelength range	8~14μm	
Image frequency	6Hz	
Emissivity	0.1-1.0 Adjaseble	
Focus Mode	Fixed	
Palette	Iron colon,rainbow,black and white	
Image Storage	card(4G)	
File Format	bmp	
Set control	unit adjustment/Language/date time Format/automatic shutdown	
Battery type	4*AA alkaline batteries	
Operating temperature	5°C~40°C	
Storage temperature	-20°C~50°C	
Humidity	10%RH to 80%RH	
Vibration	2G,IEC 60068-2-6	
Size	230×80×52mm	
Weight	320g	

## Thermal Imaging Camera

Handheld Thermal Imaging Camera is widely used in the Medical, Archaeological, transport, Agriculture and so on.

### Specification

Display	2.4" Color display
Resolution	80×60
Total pixels	6400
FOV/Shortest focal length	39°×31°
Thermal sensitivity	0.15°C
Measuring mode	Infrared focal plane measuring temperature
Temperature range	-20°C~300°C(-4°F~572°F)
Measuring accuracy	±2% digital/±2°C
Wavelength range	8~14μm
Image frequency	6Hz
Emissivity	0.1-1.0 Adjaseble
Focus Mode	Fixed
Palette	Iron colon,rainbow,black and white
Image Storage	card(4G)
File Format	bmp
Set control	unit adjustment/Language/date time Format/automatic shutdown
Battery type	4*AA alkaline batteries
Operating temperature	5°C~40°C
Storage temperature	-20°C~50°C
Humidity	10~80%RH
Vibration	2G,IEC 60068-2-6
Size	212×95×62mm
Weight	410g



HT-03

LINE ID: neonicstool



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## Thermal Imaging Camera

Handheld Thermal Imaging Camera is widely used in the Medical, Archaeological, transport, Agriculture and so on.

### Specification

Display	2.4" Color display
Resolution	220×160
Total pixels	35200
FOV/Shortest focal length	35°×26°/3m
Thermal sensitivity	0.15°C
Measuring mode	Infrared focal plane measuring temperature
Temperature range	-20°C~300°C(-4°F~572°F)
Measuring accuracy	±2% digital/±2°C
Wavelength range	8~14μm
Image frequency	9Hz
Emissivity	0.1-1.0 Adjwstable
Focus Mode	Fixed
Palette	Iron colov, rainbow, black and white
Image Storage	card(4G)
File Format	bmp
Set control	unit adjustment/Language/date time
	Format/automatic shutdown
Battery type	4*AA alkaline batteries
Operating temperature	0°C~50°C
Storage temperature	-40°C~70°C
Humidity	<90%RH
Vibration	2G, IEC 60068-2-6
Size	230×80×52mm
Weight	410g



HT-04

LINE ID: neonicstool



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## Unmanned aerial vehicle thermal Camera

Handheld Thermal Imaging Camera is widely used in the Medical, Archaeological, transport, Agriculture and so on.

### Specification

Resolution:	320×240(HT-X20) 640×480(HT-X21)
Thermal sensitivity	<50mk
Viewing or angle/Minimum distance imaging	26°×22°
Space resolution	1.13mrad(HT-X20). 0.68mrad(HT-X21).
Focus model	Auto focus
Sensor type	Uncooled focal plane
Working wave band	8~14μm
Measuring range	-20°C~300°C(Extensible to 1500°C)
Measuring accuracy	±2% or ±2°C
Measuring calibration	Radiance 0.1~1.0
Color palette	6
Image storage	Standard 2GB SD card, Max 16GB
Language	Chinese and English
File format	BMP/JPG/AVI
Video output	PAL(50Hz)or NTSC (60Hz)composite video
Working environment temperature	-15°C~50°C
Storage environment temperature	-40°C~70°C
Humidity	95%RH(Non condensation)
Battery	Li battery available
Power adapter	7.2V DC output



HT-X20/X21

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HT-08

## Handheld Thermal Imaging Camera

Handheld Thermal Imaging Camera is widely used in the Medical, Archaeological, transport, Agriculture and so on.

### Specification

Resolution:	220×160
Thermal sensitivity	0.08°C~30°C
Viewing or angle/Minimum distance imaging	26°×22°/0.1m 35°×26°/0.1m
Space resolution	2.2mrad
Focus model	Manually focus
Sensor type	Uncooled focal plane
Working wave band	8~14μm
Measuring range	-20°C~300°C(Extensible to 1500°C)
Measuring accuracy	±2% or ±2°C
Measuring calibration	Radiance 0.1~1.0
Visible light camera	Built-in
Color palette	6
Temperature alarm setting	Setting High and low temperature alarm
Laser indication	√
Screen specification	3.5" TFT Screen
Image storage	Standard 2GB SD card, Max 16GB
Language	Chinese and English
File format	*.UIR
Video output	PAL(50Hz)or NTSC (60Hz)composite video
Working environment temperature	-15°C~50°C
Storage environment temperature	-40°C~70°C
Humidity	95%RH(Non condensation)
Battery	Li battery available
Power adapter	8V~11V DC output
Working mode	Double mode

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## Handheld Thermal Imaging Camera

Handheld Thermal Imaging Camera is widely used in the Medical, Archaeological, transport, Agriculture and so on.

### Specification

Resolution:	320×240
Thermal sensitivity	0.08°C~30°C
Viewing or angle/Minimum distance imaging	26°×16°/0.1m 35°×26°/0.1m
Space resolution	2.2mrad
Focus model	Manually focus
Sensor type	Uncooled focal plane
Working wave band	8~14μm
Measuring range	-20°C~300°C(Extensible to 1500°C)
Measuring accuracy	±2% or ±2°C
Measuring calibration	Radiance 0.1~1.0
Visible light camera	Built-in
Color palette	6
Temperature alarm setting	Setting High and low temperature alarm
Laser indication	√
Screen specification	3.5" TFT Screen
Image storage	Standard 2GB SD card, Max 16GB
Language	Chinese and English
File format	*.UIR
Video output	PAL(50Hz)or NTSC (60Hz)composite video
Working environment temperature	-15°C~50°C
Storage environment temperature	-40°C~70°C
Humidity	95%RH(Non condensation)
Battery	Li battery available
Power adapter	8V~11V DC output
Working mode	Double mode

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HT-09



**HT-175/176/177**

## Handheld Thermal Imaging Camera

Handheld Thermal Imaging Camera is widely used in the Medical, Archaeological, transport, Agriculture and so on.

### Specification

Display	2.0" Color display
Resolution	32×32
Total pixels	1024
FOV/Shortest focal length	33°×33°
Thermal sensitivity	0.5°C
Measuring mode	Infrared focal plane measuring temperature
	175: -20°C~300°C(-4°F~572°F) <b>HT-175</b>
Temperature range	176: -20°C~650°C(-4°F~1202°F) <b>HT-176</b>
	177: -20°C~1000°C(-4°F~1832°F) <b>HT-177</b>
Measuring accuracy	±2% digital/ ±2°C
Wavelength range	8~11.5μm
Image frequency	6Hz
Emissivity	0.1-1.0
Focus Mode	Fixed
Palette	rainbow, black and white
Battery type	3×AAA alkaline batteries
Operating temperature	0°C~50°C
Storage temperature	-20°C~50°C
Humidity	<90%RH
Drop resistance	2m
Size	165×69×60mm
Weight	135g

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## Handheld Thermal Imaging Camera

Handheld Thermal Imaging Camera is widely used in the Medical, Archaeological, transport, Agriculture and so on.

### Specification

Display	2.0" Color display
Resolution	80×60
Total pixels	4800
FOV/Shortest focal length	29°×31°
Thermal sensitivity	0.08°C
Measuring mode	Infrared focal plane measuring temperature
Temperature range	-20°C~300°C(-4°F~572°F)
Measuring accuracy	±2% digital/ ±2°C
Wavelength range	8~14μm
Image frequency	9Hz
Focus Mode	Fixed
Palette	rainbow, black and white
Battery type	3×AAA alkaline batteries
Operating temperature	0°C~50°C
Storage temperature	-40°C~70°C
Humidity	<90%RH
Drop resistance	2m
Size	165×69×60mm
Weight	240g



**HT-179**

LINE ID: neonicstool



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HT-17

## Handheld Thermal Imaging Camera

Handheld Thermal Imaging Camera is widely used in the Medicine, archaeology, transport, agriculture and so on.

### Specification

Display	3.2" Color display
Resolution	80×60
Total pixels	4800
FOV/Shortest focal length	39°×31°
Thermal sensitivity	0.15°C
Measuring mode	Infrared focal plane measuring temperature
Temperature range	-20°C~300°C(-4°F~572°F)
Measuring accuracy	±2% digital/ ±2°C
Wavelength range	8~14μm
Image frequency	6Hz
Emissivity	0.1-1.0
Focus Mode	Fixed
Palette	rainbow, black and white
Set control	Unit Adjustment/language/Date Time Format/automatic shutdown
Battery type	3.7V rechargeable Li-ion polymer battery
Operating temperature	0°C~50°C
Storage temperature	-40°C~70°C
Humidity	<90%RH
Image storage	8G
Size	225×92×90mm
Weight	380g

LINE ID: neonicstool



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HT-18

## Handheld Thermal Imaging Camera

Handheld Thermal Imaging Camera is widely used in the Medicine, archaeology, transport, agriculture and so on.

### Specification

Display	3.2" Color display
Resolution	220×160
Total pixels	35200
FOV/Shortest focal length	35°×26°
Thermal sensitivity	0.08°C
Measuring mode	Infrared focal plane measuring temperature
Temperature range	-20°C~300°C(-4°F~572°F)
Measuring accuracy	±2% digital/ ±2°C
Wavelength range	8~14μm
Image frequency	9Hz
Emissivity	0.1-1.0
Focus Mode	Fixed
Palette	Iron color, rainbow, black and white
Set control	Unit Adjustment/language/Date Time Format/automatic shutdown
Battery type	3.7V rechargeable Li-ion polymer battery
Operating temperature	0°C~50°C
Storage temperature	-40°C~70°C
Humidity	<90%RH
Image storage	8G
Size	225×92×90mm
Weight	380g

LINE ID: neonicstool



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## Handheld Thermal Imaging Camera

Handheld Thermal Imaging Camera is widely used in the Medicine, archaeology, transport, agriculture and so on.

### Specification

Display	3.5" Color display
Resolution	220×160
Total pixels	3520
FOV/Shortest focal length	35°×26°
Thermal sensitivity	0.08°C
Measuring mode	Infrared focal plane measuring temperature
Temperature range	-20°C~300°C(-4°F~572°F)
Measuring accuracy	±2% digital/ ±2°C
Wavelength range	8~14μm
Image frequency	9Hz
Emissivity	0.1-1.0
Focus Mode	Fixed
Palette	Iron color, rainbow, black and white
Set control	Unit Adjustment/language/Date Time Format/automatic shutdown
Battery type	3.7V rechargeable Li-ion polymer battery
USB Connector Type	USB Micro-B: data transfer to and from PC, IOS and Android
Battery Operating Time	2h
External Power Operation	AC adapter, 90-260V AC input 5V output to camera
Operating temperature	0°C~50°C
Storage temperature	-40°C~70°C
Humidity	<90%RH
Image storage	8G
Size	125×80×24mm
Weight	130g



HT-A1

## Handheld Thermal Imaging Camera

Handheld Thermal Imaging Camera is widely used in the Medicine, archaeology, transport, agriculture and so on.

### Specification

Display	3.5" Color display
Resolution	320×240
Total pixels	76800
FOV/Shortest focal length	35°×26°
Thermal sensitivity	0.08°C
Measuring mode	Infrared focal plane measuring temperature
Temperature range	-20°C~300°C(-4°F~572°F)
Measuring accuracy	±2% digital/ ±2°C
Wavelength range	8~14μm
Image frequency	9Hz
Emissivity	0.1-1.0
Focus Mode	Fixed
Palette	Iron color, rainbow, black and white
Set control	Unit Adjustment/language/Date time Format/automatic shutdown
Battery type	3.7V rechargeable Li-ion polymer battery
USB Connector Type	USB Micro-B: data transfer to and from PC, IOS and Android
Battery Operating Time	2h
External Power Operation	AC adapter, 90-260V AC input 5V output to camera
Operating temperature	0°C~50°C
Storage temperature	-40°C~70°C
Humidity	<90%RH
Image storage	8G
Size	125×80×24mm
Weight	130g



HT-A2

## Cell Phone External Infrared Thermal Imager

The device is connected with phone via USB, and check the imagers on APP

### Specification

Resolution:	220*160
Working Temperature:	-20~65°C
Imager Output Frame Rate	
Operating Temperature:	0~50°C
Operating Humidity:	10%~80%RH
Power Supply:	Offered by phone
Wavelength range:	7.5μm~14μm
Measure range:	30m
Temperature range:	-40~330°C
Image Storage:	Cell Pwore
Fov/Shortest focal length:	35°
App screen with multiple measure maye	
Support iphone 5 /Android 4.3above (with OTG function)	
Palette:white/bladc/rainbow/ron coloy	



HT-101



## Monocular infrared telescope

this product supports nighttime shooting, which making it ideal for hunters, backpackers and farmers.

### Specification

Resolution	320x240 Infrared focal plane
Wavelength range	8μm~14μm
Image frequency	30Hz
Digital zoom	4x
Color palette	Iron color, white hot, black hot, rainbow
Image Storage	Yes
catch	Yes
Measuring range	200m



HT-320

## Infrerd Imaging Monitoring

Application: Security and temperature control in Industrial Process.

### Specification

Focus Way	by hand
Picture frame rate	30Hz
Detector type	microbolometer detector
Operate wave band	8~12um
Detector resolution	320*240
Palette	white hot, black hot, iron red, rainbow
Interface type	analog video interface
Video streaming	BT656
Power	3W
Voltage	9~12V
Operate temperature	-10~50°C
Storage temperature	-25~60°C
Humidity	95%
Weight	
Size	
Basic installation	1/4" tapping hole
Shell material	hard aluminum alloy



HT-118



## Non-Contact Body Infrared Thermometer

### Specification

Body temperature range	36°C~42.9°C(97°F~109°F)
Operating temperature	16°C~40°C(61°F~104°F)
Accuracy	±0.3°C(±0.6°F)
Measuring distance	5~8cm
Surface temperature range	0°C~100°C(32°F~212°F)
Surface temperature accuracy	1°C(33.8°F)
Size	155×125×43mm
/Weight	156g
Accessories	9V battery, manual, black bag and gift box.



HT-820D

## Non-Contact Body Infrared Thermometer

It can be used by consumers in household environment and doctor in clinic as reference

### Specification

Body temperature range	36°C~42.9°C(97°F~109°F)
Operating temperature	16°C~40°C(61°F~104°F)
Accuracy	±0.3°C(±0.6°F)
Measuring distance	5~8cm
Surface temperature range	0~100°C(32°F~212°F)
Surface temperature accuracy	1°C(33.8°F)
Size	150×123×40mm
Weight	144g
Accessories	2×1.5V AA battery, manual, black bag and gift box.

Different temperature range different backlight, distinguished quickly.



normal



Slight



serious



HT-860D