Catalogue

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Thermal Imaging Camera
Model:HT-175

Infrared thermal imagers have important applications in many fields such as medical treatment, public security, fire protection, archaeology, transportation, agriculture and geology.

Specification

Display	2.0" color screen
Resolution	32×32
Total pixels	1024
Field of view	33°×33°
Thermal sensitivity	0.5℃
Measurement mode	Infrared focal plane temperature measurement
Temperature range	175: -20℃~300℃(-4℉~572℉) 176: -20℃~650℃(-4℉~1202℉) 177: -20℃~1000℃(-4℉~1832℉)
Measurement accuracy	±2% or ±2℃
Wavelength range	8-14um
Image frame rate	6Hz
Emissivity	0.95
Focus method	Fixed
Palette	Iron red, white hot
Battery Type	3.7V Rechargeable Li-Ion Polymer Battery
Operating temperature	0℃~50℃
Storage temperature	-10℃ ~ 50℃
Temperature and humidity	<85%RH
Size	165×69×60mm
Weight	135g

Thermal Imaging Camera
Model:HT-175

Infrared thermal imagers have important applications in many fields such as medical treatment, public security, fire protection, archaeology, transportation, agriculture and geology.

Specification

Model	HT-02	HT-02D
Display	2.4" color screen	2.4" color screen
Infrared imageresolution	60×60	32×32
Total pixels	3600	1024
Field of View/Focal Length	20°×20°/0.5m	33°×33°
Thermal sensitivity	0.15℃	
Measurement mode	Infrared focal plane temperature measurement	
Measuring range	-20℃~300℃(-4℉~572℉)	
Temperature measurement accuracy	±2% or ±2℃	
Wavelength range	8~11.5µm	
Image frame rate	6Hz	
Emissivity	0.1-1.0 adjustable	
Focus method	fixed	
Palette	Iron/Rainbow/High Contrast Rainbow/Black/White	
Image storage	SD card (4G)	
File format	bmp	
Set control	Localization Unit Adjustment/Language/Date Time Format/ Auto Shutdown	
Battery Type	4 alkaline AA batteries	
Operating temperature	-5℃~40℃	
Storage temperature	-20℃~50℃	
Humidity	10%RH to 80%RH	
Vibration resistance	2G,IEC 60068-2-6	
Size	230×80×52mm	
Weight	320g	

Thermal Imaging Camera
Model:HT-03/04D/04

Thermal Imaging Camera is widely used in the Medical, Archaeology,Transport,Agriculture and so on.

Specification

Model	HT-03	HT-04D	HT-04
Display	2.8" Color display	2.8" Color display	2.8" Color display
Resolution	80×60	160×120	220×160
Total pixels	4800	19200	35200
FOV/Shortest focal length	51°× 63.5°/0.15m	57°× 71°/0.15m	35°×27°/0.15m
Thermal sensitivity	＜50mK (0.050℃)	＜50mK (0.050℃)	0.07℃
Image frequency	9Hz	9Hz	9Hz
Measuring mode	Infrared focal plane measuring temperature		
Temperature range	HT-03,HT-04D,-20℃~400℃(-4℉~752℉)		
	HT-04,-20℃~300℃(-4℉~572℉)		
Measuring accuracy	±2% digital/±2℃		
Wavelength range	8~14µm		
Emissivity	0.01-1.0 Adjustable		
Focus Mode	Fixed		
Palette	Iron color,rainbow,black and white		
Image Storage	card(3G)		
File Format	JPG		
Set control	unit adjustment/Language/date time		
	Format/automatic shutdown		
Power supply	Built-in rechargeable 18650 battery		
Operating temperature	0℃~50℃		
Storage temperature	-20℃~60℃		
Humidity	<85%RH		
Vibration	2G,IEC 60068-2-6		
Waterproof rating	IP54		
Size	226×91.5×71.6mm		
Weight	410g		

Thermal Imaging Camera
Model:HT-A1/A2

Thermal Imaging Camera is widely used in the Medical, Archaeology,Transport,Agriculture and so on.

Specification

Model	HT-A1	HT-A2
Display screen	3.2 ″ full angle TFT display screen	3.2 ″ full angle TFT display screen
Infrared image resolution	220x160	320x240
visible image resolution	640x480(300,000 pixel)	640x480(300,000 pixel)
Field angle/shortest focus length	35°x26°/0.15mm	56°x42°/0.15mm
Thermal sensitivity	0. 07℃	
Temperature measurement range	-20℃~300℃(-4℉~572℉)	
Measurement accuracy	±2% digital/±2℃	
Emissivity	Adjustable from 0.01 to 1.0	
Frame rate of thermal images	9Hz	
Wavelength coverage	8-14um	
Focus mode	Fixed	
Color palette	Rainbow, iron oxide red, cold color, black & white, white & black	
View option	The integration of thermal image with 25% step length and visible image.	
Storage medium	Built-in 3G (above 20 thousand image stored)	
File format	JPG	
USB	Micro USB 2.0	
Power supply	Built-in rechargeable 1800 battery	
Automatic power-off time	Selectable: 5 minutes/20 minutes/ not power off automatically	
Product size (length × width × height)	140mm×80mm×28mm	
Product weight	208g	
Work temperature	0℃to 45℃	
Storage temperature	−20℃ to 60℃	
Relative humidity	< 85%RH	

Thermal Imaging Camera
Model:HT-18/19

Thermal Imaging Camera is widely used in the Medical, Archaeology,Transport,Agriculture and so on.

Specification

Model	HT-18	HT-19
Display screen	3.2 ″ full angle TFT display screen	3.2 ″ full angle TFT display screen
Infrared image resolution	220*160	320*240
visible image resolution	300,000 pixel	300,000 pixel
Field angle/shortest focus length	27°x35°/0.15m	56°x42°/ 0.15m
Thermal sensitivity	0. 07℃	
Temperature measurement range	-20℃~300℃(-4℉~572℉)	
Measurement accuracy	±2% digital/±2℃	
Emissivity	Adjustable from 0.01 to 1.0	
Frame rate of thermal images	9Hz	
Wavelength coverage	8-14um	
Focus mode	Fixed	
Color palette	Rainbow, iron oxide red, cold color, black & white, white & black	
View option	The integration of thermal image with 25% step length and visible image.	
Storage medium	Built-in 3G (above 20 thousand image stored)	
File format	JPG	
USB	Micro USB 2.0	
Power supply	Built-in rechargeable 18650 battery	
Automatic power-off time	Selectable: 5 minutes/20 minutes/ not power off automatically	
Software analysis tools & Video recording function	support	
Product size(length × width × height)	90mm×105mm×223mm	
Product weight	389g	
Work temperature	0℃to 45℃	
Storage temperature	−20℃ to 60℃	
Relative humidity	< 85%RH	

Thermal Imaging Camera
Model:HT-A9

Thermal Imaging Camera is widely used in the Medical, Archaeology,Transport,Agriculture and so on.

Specification

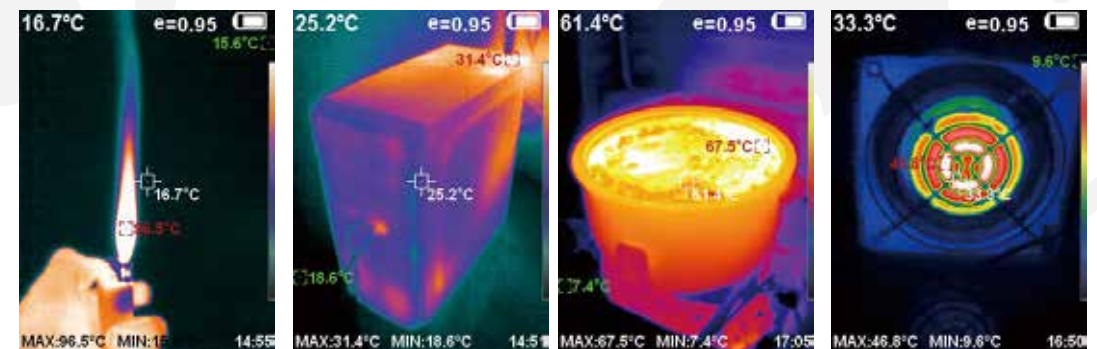| Model	HT-A9
Display screen	3.5 ″ full angle TFT display screen
Infrared image resolution	320*240
visible image resolution	300,000 pixel
Field angle/shortest focus length	56°x 42°/ 0.15m
Thermal sensitivity	0. 07°C
Temperature measurement range	-20°C to 450°C (-4°F to 854°F)
Measurement accuracy	±≤100°C ±2°C;100─300°C ±2%;≥300°C ±3%
Emissivity	Adjustable from 0.01 to 1.0
Frame rate of thermal images	9Hz
Wavelength coverage	8-14um
Focus mode	Fixed
Color palette	Rainbow, iron oxide red, cold color, black & white, white & black
View option	The integration of thermal image with 25% step length and visible image.
Storage medium	Built-in 3G (above 20 thousand image stored)
File format	JPG
USB	Micro USB 2.0
Power supply	Built-in rechargeable 26650 battery
Automatic power-off time	Selectable: 5 minutes/20 minutes/ not power off automatically
Product size(length × width × height)	97mm×129mm×256mm
Work temperature	0°Cto 45°C
Storage temperature	−20°C to 60°C
Relative humidity	< 85%RH

Thermal Imaging Camera
Model:HT-H8/H9

Thermal Imaging Camera is widely used in the Medical, Archaeology,Transport,Agriculture and so on.

Specification

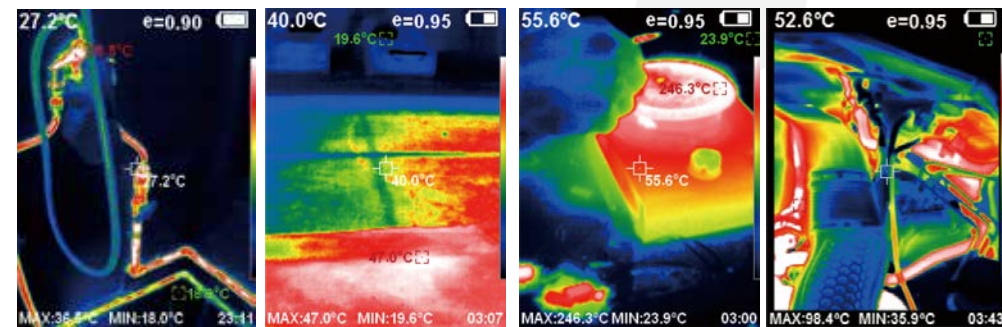| Model	HT-H8	HT-H9
Display screen	3.5 ″ full angle TFT display screen	3.5 ″ full angle TFT display screen
Display screen resolution	640*480	640*480
Infrared image resolution	384*288	640*512
Field angle/shortest focus length	13mm	13mm
Thermal sensitivity	≤60mK@25°C,F#1.0	
Temperature measurement range	-20°C to 550°C (-4°F to 1022°F)	
Measurement accuracy	±2% digital/ ±2°C	
Emissivity	Adjustable from 0.01 to 1.0	
Frame rate of thermal images	25Hz/50Hz	
Wavelength coverage	8-14um	
Color palette	Rainbow, iron oxide red, cold color, black & white, white & black	
View option	The integration of thermal image with 25% step length and visible image.	
Storage medium	Built-in 3G (above 20 thousand image stored)	
File format	JPG	
USB	Micro USB 2.0	
Power supply	Built-in rechargeable 26650 battery	
Automatic power-off time	Selectable: 5 minutes/20 minutes/ not power off automatically	
Product size(length × width × height)	97mm×129mm×256mm	
Work temperature	0°Cto 45°C	
Storage temperature	−20°C to 60°C	
Relative humidity	< 85%RH	

Thermal Imaging Camera
Model:HT-H38

Thermal Imaging Camera is widely used in the Medical, Archaeology,Transport,Agriculture and so on.

Specification

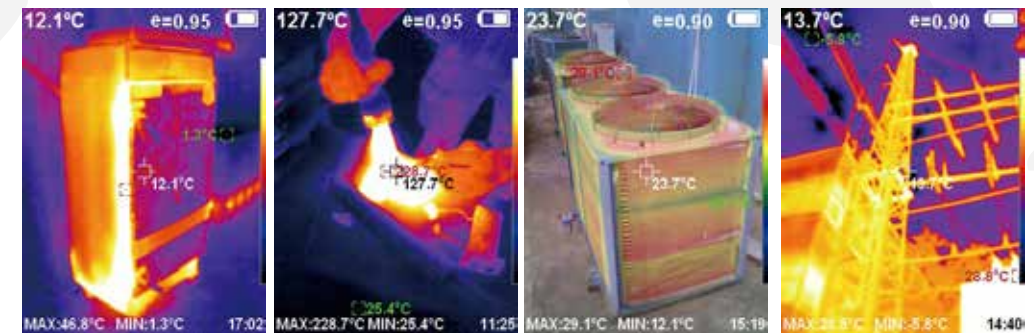|	
Infrared detector type	Vanadium Oxide Uncooled Infrared Focal Plane
Infrared resolution	384×288
Infrared response band	8～14 μm
Cell size	12μm
NETD	≤40mK @25℃,@F/1.0
Lens focal length	9.1mm
IFOV	1.3mrad
Field of view	28°×21°
Focus method	Manual focus
Scope	-20℃～+550℃(-4℉～1022℉)
Precision	±2℃(35.6℉) or ±2%
Resolution	0.1℃
Temperature measurement mode	Center point/hot and cold spot tracking
Palette	Rainbow/Iron Red/Cool/White Hot/Black Hot
Emissivity setting	0.01~1.00 adjustable
Thermal imaging frame rate	≤25Hz
Visible light resolution	1920x1080
Display size	3.5 inches (640×480)
Image display mode	Infrared/visible light/dual light fusion
Device storage	Built-in 8G eMMC (user available storage space is about 6.6G)
Storage image format	JPG/MP4
Image export method	USB connection to computer export
Wireless type	2.4G WiFi
Transfer Protocol	IEEE 802.11b/g/n
Wireless client	Web online preview
Menu language	Chinese、English
Battery Type	Built-in lithium battery, non-removable
Battery capacity	5000mAh
Operating hours	3~4 hours
Power interface	Micro USB
Power configuration	5 minutes / 20 minutes / no automatic shutdown
Operating temperature	-10℃～+50℃
Storage temperature	-20℃～+60℃
Relative humidity	10%~85%RH (non-condensing)
Product weight	600g
Product Size	256×97.2×128.9mm

Thermal Imaging Camera
Model:HT-V8/V9

Thermal Imaging Camera is widely used in the Medical, Archaeology,Transport,Agriculture and so on.

Specification

Model	HT-V8	HT-V9
Infrared image resolution	384x288	640x512
LCD resolution	640*480	640*480
Phase spacing	17μm	12μm
Display screen	3.5 " full angle TFT	
Field angle/focus length	32.8°x24.6°/0.19m；24.9°x18.7°/0.25m；17.8°x13.4°/0.35m	
NETD	≤60mK@25℃,F#1.0	
Measurement Method	Infrared Focal Plane Detector	
Wavelength coverage	8~14μm	
Frame rate	25Hz/50Hz	
Image enhancement	Multi-level detail enhancement	
Image correction	Shutter correction	
Color palette	Rainbow, white heat, black heat and other fake color patterns	
Storage capacity	Built-in 32G	
File format	JPG	
Setting command	Localization unit adjustment / language / date and time format / automatic shutdown	
Battery	Built-in rechargeable battery	
Working temperature	0℃~45℃	
Storage temperature	-20℃~60℃	
Size	256×97.2×128.9mm	

Thermal Imaging Camera
Model:HT-875/885/895

Thermal Imaging Camera is widely used in the Medical, Archaeology,Transport,Agriculture and so on.

Specification

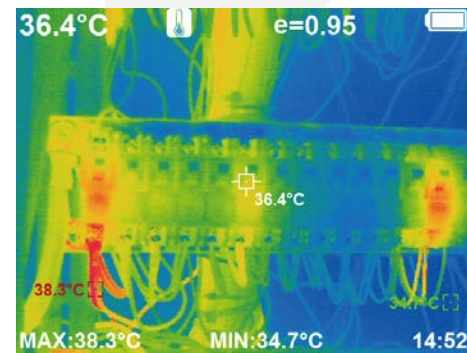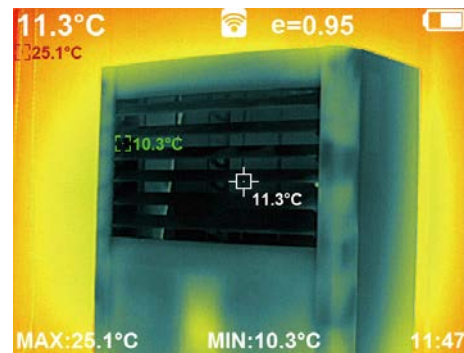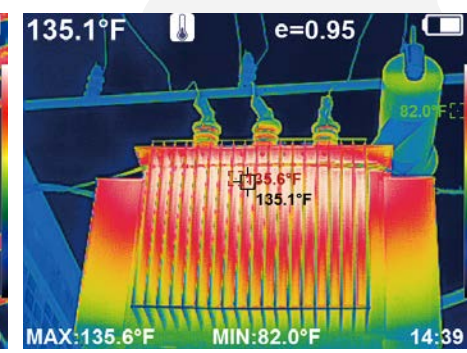| Model	HT-875	HT-885	HT-895
Infrared image resolution	384×288	640×512	1280×1024
Display screen	4.0 inch full viewing angle OLED display		
OLED screen resolution	1200x1080		
Lens recognition	Automatic		
shortest focus length	15mm		
Cell spacing:	17 µm		
Thermal sensitivity	<60mK (0.060℃)		
Temperature measurement range	-20℃~550℃（-4°F~1022°F）		
Measurement accuracy	±3℃/±3%		
Emissivity	0.02至1.0可调		
Frame rate of thermal images	25Hz/50Hz		
Wavelength coverage	8µm~14µm		
Temperature measurement display	Min, center , max		
Temperature correction	support		
Regional temperature measurement	support		
Image mode	Thermal imaging, visible light, thermal imaging and visible light fusion		
Color palette	Rainbow, iron oxide red, cold color, black & white, white & black		
WIFI	End-to-end (ad hoc) or infrastructure network		
Language	Chinese, English, Japanese, German, Korean, and other languages		
unit	℃/°F		
File format	jpg		
USB	TYPE-C		
Automatic power-off time	Selectable: 5 minutes/20 minutes/not power off automatically		
Work temperature	0℃~40℃		
Storage temperature	-10℃~50℃		
Relative humidity	< 85%RH		
Power supply	Built-in rechargeable battery		
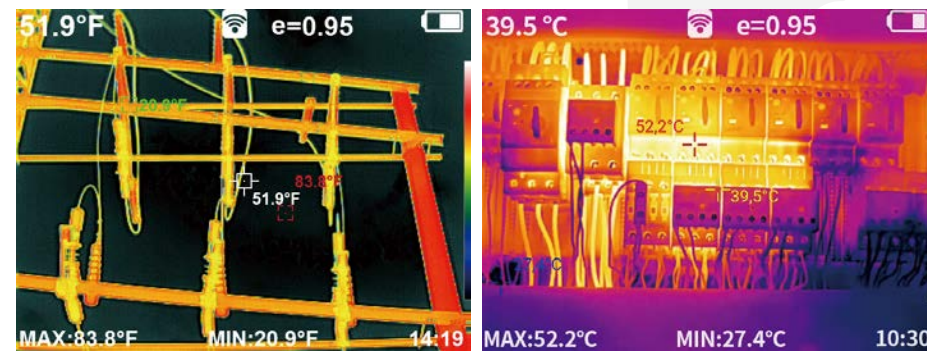
Thermal Imaging Camera
Model:HT-D8/D9

Thermal Imaging Camera is widely used in the Medical, Archaeology,Transport,Agriculture and so on.

Specification

Model	HT-D8	HT-D9
IR Imaging Resolution	384x288	640x512
Display Resolution	640*480	640*480
Pixel Dimensions	17µm	12µm
Display	3.5" color TFT	
Lens	13mm	
NETD	≤ 60mk	
Detector type	uncooled infrared focal plane detector	
Spectral Response	8~14µm	
Capture Frequency	25Hz/50Hz	
Image Enhancement：	multi-scale detail boosting	
Image Rectification：	Shutter	
Palettes	Hot Iron, Rainbow, Greyscale etc	
Data Recording	32G built-in memory	
Save Image Format	JPG	
Settings Control	unit adjustment/Language/date time format/automatic shutdown	
Power	Build-in rerechargeable lithium battery;	
Operating Temperature	0℃~45℃	
Storage Temperature	-20℃~60℃	
Size：	81x168x85mm	

Thermal imaging smartphone

Model:HT-P6

Thermal Imaging smartphone is widely used in the Medical,Archaeology,Transport,Agriculture and so on.

Specification

Infrared thermal image resolution	256x192
Display size	5.5 inches
Focal length	3.2m
Cell spacing	12um
(NETD)	≤50mK @25℃ ，F#1.0 ，25Hz
Temperature measurement range	-15℃~150℃/0℃~550℃
Measurement accuracy	±2℃/±2%
Thermal image frame rate	≤25Hz
Wavelength range	8 - 14um
Temperature display	min, center, max
Temperature correction	support
Regional temperature measurement	support
Image mode	Thermal imaging, visible light, fusion
Palette	black heat, white heat, rainbow, iron rainbow
WIFI	support
Unit	Celsius/Fahrenheit
Image format	jpg
Interface Type	TYPE-C
Operating temperature	0~40℃
Storage temperature	-10~50℃
Relative humidity	<85%RH
Battery Type	Built-in rechargeable lithium battery

Thermal imaging smartphone

Model:HT-P8

Thermal Imaging smartphone is widely used in the Medical,Archaeology,Transport,Agriculture and so on.

Specification

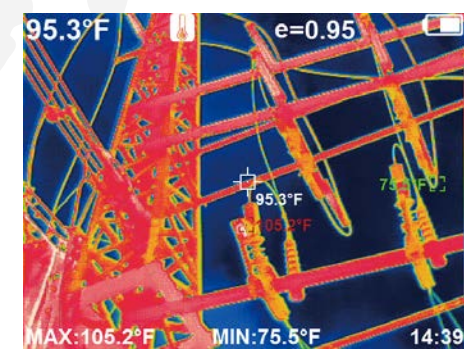|	
Resolution	256*192
Display size	6.3-inch LCD water drop screen + Gorilla Glass
Cell spacing	12um
NETD	≤50mK @25℃ ，F#1.0
Spectral band	8~14um
Focal length	3.2mm
Aperture	F1.1
Memory	8GB running memory + 256GB mobile phone memory
Field of view	56.0°(H) x 42.2°(V) ，71.3°(D)
Measuring range	-10℃~150℃/50℃~550℃
Precision	±2℃/±2% (standard value)
Correction distance	Ambient temperature and emissivity
System	Android 12
Temperature correction	Support
Regional temperature measurement	Support
Image mode	Thermal imaging, visible light, fusion
Palette	black heat, white heat, rainbow, iron rainbow
WIFI	Support
Unit	℃/°F
Image format	jpg
Interface Type	TYPE-C
Operating temperature	0~40℃
Storage temperature	-10~50℃
Relative humidity	<85%RH
Battery Type	6000mAh large battery/18 days long standby

Mobile Phone Thermal Imager
Model:HT-E5/E6

Thermal Imaging Camera is widely used in the Medical, Archaeology,Transport,Agriculture and so on.

Specification

Model	HT-E5	HT-E6
IR Imaging Resolution	384x288	640x512
Pixel Dimensions：	17μm	12μm
Lens：	19mm；25mm；35mm	
Detector type	uncooled infrared focal plane detector	
Spectral Response：	8 – 14μm	
NETD：	≤ 60 mK	
Capture Frequency：	25Hz/50Hz	
Image Enhancement：	multi-scale detail boosting	
Image Rectification：	Shutter	
Palettes：	Hot Iron, Rainbow, Greyscale etc	
Video recording/photography ：	√	
Operating Temperature：	-10℃ to 50 ℃	
Storage Temperature：	-20℃ to 60 ℃	
Interface ：	Micro，Type-C	
Power：	3.8~5.5V DC	
Phone Clamp：	adjustable	
Size：	49.5*36.1*29.3mm	
Weight：	260g	

Mobile Phone Thermal Imager
Model:HT-102

This product is operated by the "Thermal Viewer" software on the mobile phone after connecting to the mobile phone of Android system.

Specification

Measurement	Environmental Conditions
Temperature range: -20 ℃ to 300 ℃	Operation temperature range: 0 ℃ to 35
Accuracy: ±3℃ or ±5% of reading	Storage temperature range: -20 ℃ to 60
Resolution: 0.1 ℃ or 0.1 ℉	
Working band: 8 – 14μm	
Pictures & Videos	
Horizontal viewing angle / vertical viewing angle: 33°×33°	
Infrared image resolution: 32x32	
Visible image resolution: 640x480	
Image format: png	
Video format: mp4	
Frame rate: 9Hz	
Focal length: fixed	
Miscellaneous	
Plug: USB Type-C	
Power supply: Power supply from external devices, such as Android phones	
Weight: 20g	
Size: 59.4mm×30.3mm×12mm	

Mobile Phone Thermal Imager
Model:HT-101/201

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

Specification

Model:	HT-101	HT-201
Resolution:	220*160	320*240
Working Temperature:	-20～65℃	-20～65℃
Imager Onput Frame Rate	9Hz	9Hz
Operating Temperature:	0～50℃	0～50℃
Operating Humidity:	10%～80%RH	10%～80%RH
Power Supply:	Offered by phone	Offered by phone
Wavelength range:	7.5μm~14μm	
Detection Range	300m	
Recognition Range	80m	
Identification Range	48m	
Minimum Focus	0.5m	
Temperature range:	-40～330℃	
Image Stroage:	Cell phone	
Fov/Shortest focal length:	35°	

App screen with multiple measure maye

Support iphone 5 /Android 4.3above (with OTG function)

Palette:white/black/rainbow/iron coloy

Interface Type: micro usb ☑ type-c ☑ lightning ☑

Mobile Phone Thermal Imager
Model:HT-301

The device is connected to the mobile phone via USB, you can view the infrared images on the APP. It is very simple to view the infrared images or measure the surface temperature of the object.

Specification

Infrared image resolution:	384x288
Detector type:	Uncooled infrared focal plane detection
Temperature range:	-20℃~400℃(-4°F~752°F）
Temperature measurement accuracy:	±3°C or ±3%
Lens:	13mm
Working Wavelength Range :	8 – 14μm
Cell spacing:	17μm
NETD:	≤ 60 mK
Frame rate:	25Hz
Temperature Measurement:	Maximum / Minimum / Center Value
Temperature Calibration :	Manual / Automatic
Temperature Output:	Real-time Output
Image Enhancement:	Multi-level Detail Enhancement
Image Calibration:	Shutter Calibration
Palette:	White hot, Black hot, Rainbow, and other pseudo-color boards
Video Recording / Photo:	Support
Operating Temperature Range:	-10℃ to 50 ℃
Storage Temperature Range:	-20 ℃ to 60 ℃
Interface Type:	Type-C Interface
Voltage Supply :	3.8~5.5V DC
Size:	49.5*36.1*29.3mm
Weight:	45g

Mobile Phone Thermal Imager

Model:HT-301

The device is connected to the mobile phone via USB, you can view the infrared images on the APP. It is very simple to view the infrared images or measure the surface temperature of the object.

Specification

Detector type	Amorphous silicon uncooled infrared focal plane
Resolution	256×192
Cell size	12μm
Field of view	56.0°×42.2°
Working band	8~14μm
NETD	≤ 50mk@25℃,@F/1.1
Focal length	3.2mm
Frame rate	≤25Hz
Focus method	Free focus
Scope	-20℃~+550℃
Precision	±2℃ or ±2%
Resolution	0.1℃
Emissivity setting	0.01~1.00 adjustable
Temperature measurement mode	Center point/hot and cold spot tracking
Palette	Rainbow/Iron Red/Cool/White Hot/Black Hot
Temperature measurement method	Point, line, surface temperature measurement
Range of working temperature	-10℃ ~ 50 ℃
Storage temperature range	-20℃ ~ 60 ℃
Size	49.5*36.1*29.3mm
Weight	55g

Computer Room Thermal Imager

Model:HT-MR01

The device has built-in high sensitivity infrared detector and visible light detector, which can monitor the real-time temperature ofimportant electrical equipment in the scene all day long.

Specification

Detector type	Vanadium oxide uncooled infrared focal plane detector
Resolution	160×120
Pixel size	12μm
Working band	8~14μm
Temperature measurement range	-15℃~+500℃(-15℃~+150℃,150℃~500℃)
Temperature measurement accuracy	±2℃ or ±2%
lens focal length	2.0mm/3.2mm/4.3mm
Field angle	53°×40°/35°×27°/25°×19°
Color palette	Rainbow, iron red, cool color, self heating, black heat
Focus mode	Fixed
Visible resolution	640*480
Focus mode	Fixed
Double light integration	Support thermal imaging, channel integration, visible light image information
Built-in storage	6G user space
Interface power supply	1-path DC interface
Power input	DC 12V
Power	2.5W
Working temperature and humidity	-10℃~60℃,<90%RH
Storage temperature	-40℃~+80℃
Protection class	IP51
Network protocol	RTSP
Interface protocol	ONVIF
Interface network port	1-path RJ45 interface 10/100M self adaptable Ethernet port
Visible light lens focal length	3.2mm
Visible light Field angle	68°×51°

Flashlight Thermal Imager
Model:HT-HR01

This product is used in field animal observation, search and rescue, investigation, night patrol, outdoor sports, personal security, etc.

Specification

Model	HT-HR01
Infrared thermal image resolution	256x192
Visible light image resolution	30 million pixels
Field angle	56°x42°
Shortest focal length	0.15meters
Pixel spacing	12 µm
Thermal sensivity	<50mK (0.050℃)
Temperature measurement range	-20℃ to 400℃（-4°F to 752°F）
Measurement accuracy	±2℃/±2%
Emissivity	0.02 to 1.0 adjustable
Thermal image frame frequency	9Hz
Wavelength range	8µm to 14µm
Temperature measurement display	Minimum value, center point, maximum value
Display screen	2.4-inch Full view TFT display
Image mode	Thermal imaging, visible light, thermal imaging and integration with visible light
Focus mode	Fixed
Color palette	Black hot / white / rainbow / iron red / rock red
Storage space	1.5G
Language	Chinese/English
Unit	Celsius / Fahrenheit
Image format	bmp
Interface type	Micro USB 2.0
Auto power off duration	Option: 5 minutes/20 minutes/non-automatic power off
Working temperature	0℃ to 40℃
Storage temperature	-10℃ to 50℃
Relative humidity	＜85%RH
Battery type	Built-in chargeable 26650 (5000mAh) lithium battery

Infrared Thermal Imaging Detection Device
Model:HT-06S

Application site: railway stations, airports, subways, quays and key traffic transportation junctions as well as department stores, office buildings, schools and other sites.

Type	06S
Display	2.8" Color display
Infrared image resolution:	260×180
Detector type	Uncooled infrared focal plane detection
visible image resolution	640×480
FOV	34.4°x 25.8°
Temperature measurement range	32℃至42℃（86°F 至 107.6°F）
Temperature measurement	±0.5℃
Best measuring distance	1 meter (fast high temperature tracking)
Temperature measurement response time	≤500ms
NETD:	≤60mK
Image frame rate:	9Hz
Temperature measurement display	Center point, high temperature tracking
Image mode	Thermal imaging, visible light, image fusion
USB	Micro USB
Wavelength coverage	8µm至14µm
Color palette	Rainbow, iron oxide red, cold color, black & white, white & black
Storage medium	Built-in storage
File format:	BMP
Real-time image	PC software real-time image projection
Set command	Unit, language, date, time, information
Language	简体中文、English
Automatic power-off time	Selectable: 5 minutes/20 minutes/ not power off automatically
Operating temperature	15℃~30℃（59°F ~ 86°F）
Storage temperature	-20℃ ~ 60℃（-4°F ~ 140°F）
Humidity	＜85%RH

Infrared Thermal Imaging Detection Device
Model:HT-S240/S320/S384

Application site: railway stations, airports, subways, quays and key traffic transportation junctions as well as department stores, office buildings, schools and other sites.

Type:	S240	S320	S384
Infrared image resolution:	240x180	320x240	384x288
Field angle:	56°x 42°	34.4°x 25.8°	28.2°x 21.3°
Work waveband:	8μm -14μm	7.8μm -14μm	8μm–14μm
Thermal sensitivity:	0.05℃	0.07℃	0.06℃
Image frame frequency:	25Hz	9Hz	25Hz
Visible light resolution:	1920x1080		
Detector type	Uncooled infrared focal plane detection		
Product Characteristics:	Temperature measurement for more than one persons at the same time/human face tracking/high temperature automatic alarm/capture record of pedestrian		
Temperature measurement range	32℃-42℃		
Temperature measurement precision of human body:	±0.5℃ Fixed		
Focusing mode:	Manual		
Temperature correction:	Manual		
Image correction Color palette	white heat, black heat, rainbow, iron red, high contrast rainbow.		
Requirements for computer CPU	The fourth generation i3 or above		
Videoing/photographing:	Support		
Range of working temperature:	10℃ -- 35℃		
Storage temperature scope:	-20℃ -- 60℃		
Interface type:	USB 3.0		
The length of USB line:	About 2.8 meters		
Supply voltage:	5V DC		
Weight:	450g		

Thermal Imaging Screening Instrument
Model:HT-S320A

Place of application: railway station, airport, subway station, wharf and other key transportation hubs as well as shopping malls, office buildings, schools and other public places.

Specification

Model	S320A
Infrared image resolution	320x240
Field angle	34.4° x 25.8°
Working band	7.8μm −14μm
Thermal sensivity	0.07℃
Image frame frequency	9Hz
Visible light resolution	1920x1080
Detector type	Uncooled infrared focal plane detection
Product characteristics	Multi person real-time temperature measurement / face tracking / high temperature automatic alarm / pedestrian capture record
Tempeature measuement range	32℃ to 42℃
Human body temperature measurement accuracy	±0.5℃
Focus mode	Fixed
Temperature correction	Manual
Image calibration	Manual
Color palette	White hot, black hot, rainbow, iron red, high contrast rainbow
Computer CPU requirements	4th generation i3 or above
Video recording/Shooting	Support
Working temperature range	10℃ to 35℃
Storage temperature ange	-20℃ to 60℃
Interface type	USB 3.0
USB line length	About 2.8 meters
Supply voltage	5V DC
Weight	450g

Outdoor Thermographic Telescope
Model:HT-C8

This product is capable of animal observation in the field,searching,rescue,security detection,outdoor sport

Specification

Detector type	uncooled focal plane
Resolution ratio	384x288 IR focal plane
Detector pixel spacing	17um
Detector frame rate	50Hz
Detector response band	8um-14um
Noise equivalent temperature difference	< 50mk
Infrared lens focal length	25mm，35mm，54mm，75mm,
Lens adjustment	Manual focus and sharpness adjustment
Infrared lens field of view	14.9°x11.2°；10.7°x8.0°；6.9°x5.2°；5.0°x3.7°
Monitor	OLED 0.5" 1024X768
Electronic amplification	2x,4x,8x,16x
Brightness adjustment	10-level brightness adjustment (0-9)
Contrast adjustment	10-level contrast adjustment (0-9)
Palette	Rainbow, Hot Metal, White Hot, Black Hot, Yellow Saturated, Birding Mode
Storage	16G
Image type	BMP
USB	Type-C
Battery model	18500 Panasonic lithium battery; 2040mAH
Operating hours	6 hours
Impact resistance	800G IEC68-2-29
Weight	500g
Product Size	180x72x62mm(25mm focal length)
Protection class	IP66
Operating temperature	-20℃~45℃
Storage temperature	-20℃~60℃

Outdoor Thermographic Telescope
Model:HT-C600/640/680

This product is capable of animal observation in the field,searching,rescue, security detection,outdoor sport .

Specification

Model	HT-C640	HT-C600	HT-C680
Detector type	Vanadium oxide uncooled infrared focal plane	Amorphous silicon uncooled infrared focal plane	
Resolution	640x512	384x288	384x288
Cell size	12μm	17μm	17μm
Field of view	8.8°x7.0°	7.5°×5.6°	7.5°×5.6°
Working band	8 - 14um		Ranging range: 9m - 2500m
NETD	<50mk@25℃，@f/1.0		Ranging accuracy: <400m，±1m； >400m，0.4%
Focal length	50mm		
Frame rate	≤50Hz		
Focus method	Electric focus		
Display resolution	1024x768		
Display size	0.39 inches		
Display mode	Infrared / low light / dual light fusion / picture in picture		
Electronic zoom	1X /2X /4X		
Palette	rainbow, iron red, cool color, white hot, black hot		
WIFI	2.4G image transmission		
Capacity	Built-in 16G eMMC		
Photo, video	Support		
Image/Video Format	JPG/MP4		
Battery	Removable rechargeable lithium battery 2000mAhx4 (Battery model 18650)		
Machine power consumption	≤6W		
Battery life	≥6 hours		
Operating temperature	-20℃~+50℃		
Storage temperature	-30℃~+70℃		
Protection class	IP54		
Dimensions	193.1mmx176.8mmx99mm		
Weight	1.5kg (including battery)		

Outdoor Thermographic Telescope
Model:HT-A3/A73

This product is capable of animal observation in the field,searching, rescue,security detection,outdoor sport

Specification

Model	HT-A3	HT-A73
Detector type	Amorphous silicon uncooled infrared focal plane	Oxygen oxide uncooled infrared focal plane
Resolution	384x288 IR focal plane	256x192 IR focal plane
LCD resolution	720X540	
Focal length	19mm；25mm；35mm	6.9mm；9.7mm
Eyepiece	Monocular display (curve light correction adjustable)	
Field of view	19.5°x14.7°；14.9°x11.2°；10.7°x 8°	
Digital zoom	2x；4x	
Wavelength range	8μm~14μm	
Frame rate	50Hz	25Hz
WIFI function	support	
Palette	Rainbow/Hot Metal/White Hot/Black Hot/Yellow Saturation/Bird Mode	
Focal length	adjustable	
Image storage	BMP	
Battery	Built-in rechargeable battery	
USB	Micro USB	
Operating hours	≥6 hours	4 hours
Weight	440g	420g
Product Size	186x69x68mm	172x69x68mm
Operating temperature	-20℃~45℃	
Storage temperature	-20℃~60℃	

Outdoor Thermographic Telescope
Model:HT-A4/A74

This product is capable of animal observation in the field,searching, rescue,security detection,outdoor sport

Specification

Model	HT-A4	HT-A74
Detector type	uncooled focal plane	
Resolution	384x288 IR focal plane	256x192 IR focal plane
LCD resolution	720X540	
Focal length	19mm；25mm；35mm	6.9mm；9.7mm
Eyepiece	Monocular display (curve light correction adjustable)	
Field of view	19.5°x14.7°；14.9°x11.2°；10.7°x 8°	
Digital zoom	2x；4x	
Wavelength range	8μm~14μm	
Frame rate	50Hz	25Hz
Palette	Rainbow/Hot Metal/White Hot/Black Hot/Yellow Saturation/Bird Mode	
Focal length	adjustable	
Image storage	BMP	
Battery	Built-in rechargeable battery	
USB	Micro USB	
Operating hours	≥6 hours	4hours
Weight	541.2g	513g
Product Size	187.3x68x68.2mm	175x69x68mm
Operating temperature	-20℃~45℃	
Storage temperature	-20℃~60℃	

Outdoor Thermographic Telescope
Model:HT-C17/C18/C19

This product is capable of animal observation in the field,searching, rescue,security detection,outdoor sport

Specification

Model	HT-C17	HT-C18	HT-C19
Detector type	Amorphous silicon uncooled infrared focal plane	Vanadium Oxide Uncooled Infrared Focal Plane	
Resolution	384x288 IR focal plane	384x288 IR focal plane	640x512 IR focal plane
Cell size	17μm	12μm	12μm
Field of view	10.6°×8.0°	7.5°×5.7°	12.5×10.0°
Working band	8~14μm		
NETD	≤ 40mk@25℃,@F/1.0		
Focal length	35mm		
Frame rate	≤50Hz		
Focus method	Manual focus		
Display screen type	OLED		
Display resolution	1440×1080		
Display size	0.39 inches		
Electronic zoom	1×/2×/4×/8×		
Palette	Rainbow, Iron Red, Cool, White Hot, Black Hot, Fiery		
Point tracking, picture-in-picture	support		
Language	Chinese, Traditional Chinese, English		
Storage	Built-in 16G eMMC (user available storage space is about 13.6G)		
Photo, Video	support		
Image/Video Format	JPG/MP4		
USB interface	Charge/Export pictures and videos		
Removable rechargeable lithium battery	1400mAh×2 (battery model 18350)		
Machine power consumption	≤1.8W		
Protection class	IP66		
Duration of flight	≥4 hours		
Operating temperature	-20℃ ~ +60℃		
Storage temperature	-30℃ ~ +70℃		

Outdoor Thermographic Telescope
Model:HT-C20

This product is capable of animal observation in the field,searching, rescue,security detection,outdoor sport

Specification

Detector type	Amorphous silicon uncooled infrared focal plane
Resolution	384x288 IR focal plane
Cell size	17μm
Field of view	10.7°×8.0°
Working band	8~14μm
NETD	≤ 40mk@25℃,@F/1.0
Focal length	35mm
Frame rate	≤50Hz
Focus method	Manual focus
Display screen type	OLED
Display resolution	1440×1080
Display size	0.39 inches
Electronic zoom	1×/2×/4×/8×
Palette	Rainbow, Iron Red, Cool, White Hot, Black Hot, Fiery
Hotspot tracking, picture-in-picture	support
Language	Chinese, Chinese Traditional, English
Storage	Built-in 16G eMMC (user available storage space is about 13G)
Photo, video	support
Image/Video Format	JPG/MP4
USB interface	Charge/Export pictures and videos
Battery	2200mAh (battery model 18650) Removable rechargeable lithium battery
Machine power consumption	≤2W
Protection class	IP66
Battery life	≥4 hours
Operating temperature	-20℃ ~ +60℃
Storage temperature	-30℃ ~ +70℃

Outdoor Thermographic Telescope
Model:HT-C21/C22/C23

This product is capable of animal observation in the field,searching, rescue,security detection,outdoor sport

Specification

Model	HT-C21	HT-C22	HT-C23
Detector type	Amorphous silicon uncooled infrared focal plane	Oxygen oxide uncooled infrared focal plane	
Resolution (infrared focal plane)	384x288	384x288	640x512
Cell size	17µm	12µm	12µm
Field of view	6.9°×5.2°	4.9°×3.7°	8.1°×6.5°
Working band	8~14µm		
NETD	≤ 40mk@25℃,@F/1.0		
Focal length	54mm		
Frame rate	≤50Hz		
Frame rate focusing method	Manual focus		
Display screen type	OLED		
Display resolution	1440×1080		
Display size	0.39 inches		
Electronic zoom	1×/2×/4×/8×		
Palette	Rainbow, Iron Red, Cool, White Hot, Black Hot, Fiery		
Hotspot tracking, picture-in-picture	support		
Language	Chinese, Chinese Traditional, English		
Storage	Built-in 16G eMMC (user available storage space is about 13.6G)		
Photo, Video	support		
Image/Video Format	JPEG/MP4		
USB interface	Charge/Export pictures and videos		
Removable rechargeable lithium battery	2200mAh (battery model 18650)		
Machine power consumption	≤1.8W		
Protection class	IP66		
Battery life	≥4 hours		
Operating temperature	-20℃ ~ +60℃		
Storage temperature	-30℃ ~ +70℃		

Outdoor Thermographic Telescope
Model:HT-A11/A12/A16

This product is capable of animal observation in the field,searching, rescue,security detection,outdoor sport

Specification

Model	HT-A11	HT-A12	HT-A16
Detector type	Amorphous silicon uncooled infrared focal plane	Oxygen oxide uncooled infrared focal plane	
Detector resolution	384x288	384x288	640x512
Cell size	17µm×17µm	12µm×12µm	12µm×12µm
Working band	8~14µm		
Performance（NEDT)	< 40mk (50Hz, F/1, 300K)TFPA 25°C(± 5°C)		
Performance (Scene dynamic)	> 50°C (50Hz, F/1, 300K)TFPA 25°C(± 5°C)		
Frame rate	50Hz		
Focus method	Manual focus		
Objective focal length	25mm；35mm		
Objective angle of view	14.9°×11.2°；10.7°×8.0°		
Eyepiece focal length	22.0mm		
Eyepiece magnification	12.5X		
Display screen type	LCOS		
Display resolution	1280×960		
Display size	0.4 inches	Electronic zoom:×2/×4	
Palette	White Hot, Black Hot, Rainbow, Hot Metal, Yellow Saturated, Birding Mode		
Photo, Video, WIFI	support		
language	Chinese、English	Laser lights, lighting: support	
Built-in storage	Standard 16G (support 16G/32G/64G/128G)		
image type	JPG		
video type	MP4		
CVBS output	Support, SMA socket interface		
USB interface	TYPE-C export picture, video and battery charging function		
Rechargeable Lithium Battery	18650/3500mAh		
Battery life	≥5.5 hours		
Operating temperature	-20℃ ~ +50℃		
Storage temperature	-30℃ ~ +60℃		
Protection class	≥IP65		
Product size and weight	187*67*67mm 513g±5g		

Outdoor Thermographic Telescope
Model:HT-C5

This product is capable of animal observation in the field,searching, rescue,security detection,outdoor sport

Specification

Detector type	uncooled focal plane	
Detector resolution	384x288 IR focal plane	
Detector pixel spacing	17um	Detector frame rate : 50Hz
Detector response band	8um-14um	
Detector Noise Equivalent Temperature Difference	<50mk	
Infrared lens focal length	25mm，35mm	
Lens adjustment	Manual focus and sharpness adjustment	
Infrared lens field of view	14.9°x11.2°；10.7°x8.0°	
Image Processing	Non-uniformity correction, image smoothing function, image detail enhancement, digital filter noise reduction	
Image clarity	5-stop image edge adjustment (0-4), or 5-stop image detail adjustment (0-4)	
Electronic amplification	2x,4x	
Brightness adjustment	10-level brightness adjustment (0-9)	Contrast adjustment: 10-level contrast adjustment (0-9)
Palette	Rainbow, Hot Metal, White Hot, Black Hot, Yellow Saturated, Birding Mode	
Hot spot tracking	Hotspot tracking indicator, automatically track multiple hotspot targets, and you can choose to turn on or off the hotspot tracking function	
Display resolution	1280X960	
Storage	128G	
Image type	JPG	
Video type	MP4	
Picture in picture	Open/Close	
WIFI	Open/Close	
Auto shutdown time	40 minutes	
Protection class	IP66	
Impact resistance	25G IEC68-2-29	
Operating temperature	0℃~45℃	
Storage temperature	-20℃~60℃	

Outdoor Thermographic Telescope
Model:HT-C7

This product is capable of animal observation in the field,searching, rescue, security detection,outdoor sport

Specification

Detector type	Amorphous silicon uncooled infrared focal plane		
Resolution	384×288		
Cell size	17μm×17μm		
Working band	8~14μm		
Performance(NEDT)	<40mk(50Hz, F/1, 300K)TFPA 25°C(±5°C)		
Performance	>50°C(50Hz, F/1, 300K)TFPA 25°C(±5°C)		
Frame rate	60Hz		
Focus method	Manual focus		
Display screen type	LCD		
Display resolution	480×360		
Display size	2.0 inches		
Electronic zoom	×2/×4/×8/×16		
Palette	White Hot, Black Hot, Rainbow, Hot Metal, Yellow Saturated, Bird Watching Mode		
Photo/Hotspot Tracking	support		
Language	Chinese、English		
Built-in storage	16G		
Image format	BMP		
USB interface	TYPE-C export pictures and battery charging function		
Removable rechargeable lithium battery	18500/2040mAh		
Battery life	≤6 hours		
Operating temperature	-20℃ ~ +50℃		
Storage temperature	-30℃ ~ +60℃		
Impact strength	≤1200g		
Protection class	≤IP54		
Weight (without stand)	400g±5g	400g±5g	580g±5g

Outdoor Thermographic Telescope
Model:HT-KA01/KA02

This product is capable of animal observation in the field,searching, rescue, security detection,outdoor sport

Specification

Model	HT-KA01	HT-KA02
Detector type	Oxygen oxide uncooled infrared focal plane	
Resolution	384x288 IR focal plane	640x512 IR focal plane
Cell size	12μm	
Field of view	7.5°×5.7°	12.5°×10.0°
Working band	8~14μm	
NETD	≤ 40mk@25℃,@F/1.0	
Focal length	35mm	
Frame rate	≤50Hz	
Focus method	Manual focus	
Visible light detector type	Low light CMOS	
Visible light resolution	1920*1080	
Display resolution	1440×1080	
Display size	0.39 inches	
Display mode	Infrared/Visible Light/Dual Light Fusion/Picture-in-Picture	
Electronic zoom	1×/2×/4×/8×	
Palette	Rainbow, Iron Red, Cool Color, White Hot, Black Hot, Bird Watching Mode	
Ranging	≤1000m	
Laser pointer	support	
WIFI	Support master-slave mode	
Storage	Built-in 16G eMMC (user available storage space is about 13G)	
Photo, Video	support	
Image/Video Format	JPG/MP4	
Video output interface	HDMI interface	
USB interface	Charge/Export pictures and videos	
Battery	Removable rechargeable lithium battery	
Battery life	≥4 hours	
Operating temperature	-20℃ ~ +60℃	
Storage temperature	-30℃ ~ +70℃	

UAV Thermal Imager
Model: HT-X20

This product is used in field observation, search and rescue, investigation, night patrol, outdoor sports, personal security, etc.

Specification

Detector type	Uncooled focal plane
Resolution	384x288 infrared focus plane
LCD resolution	720X540
Focal length	19mm；25mm；35mm
Eyepieces	Single eye display (curvature correction adjustable)
Field angle	19.5°x14.7°；14.9°x11.2°；10.7°x 8°
Digital zooming	2x；4x
Wavelength range	8um to 14um
Thermal image frame frequency	50Hz
Color palette	Rainbow/Hot metal/White heat/Black heat
Focal length	Adjustable
Image storage	BMP
Battery	Built-in chargeable batteries
USB	Micro USB
Working duration	≥6 hours
Weight	440g
Product dimension (LxH)	186x69x68mm
Working temperature	0℃ to 45℃
Storage temperature	-20℃ to 60℃

Industrial Acoustic Imager

Model: HT-SP01

Handheld Acoustic Imager enables fast and accurate location of air, gas and vacuum leaks in air systems, Acoustic Imaging Overlay with visible light image to quickly locate leaks.

Specification

Acoustics	Number of microphones	64 microphone quantity
	Frequency band	2 kHz ~50 kHz
	Working distance range	For a 0.005 CFM leak at 100 PSI, the detection distance 33 feet away (for 150 ml/min at 700 kPa Leakage, detection distance is 10 meters)
	Field of view	50°± 5°
	Frame rate	≤50Hz
Visible light	Detector type	Low light CMOS
	Resolution	1920*1080
	Cell size	4.0μm
	Focal length	35mm
	Frame rate	≤30Hz
	Focus method	No adjustment
Show	Display screen type	LCD
	Resolution	1280×800
	Display size	7 inches
	Touch screen	Capacitive
Infrared thermal imaging	Resolution	256x192
	Cell spacing	12μm
	Temperature measurement range	-20℃~550℃（-4°F~1022°F）
	Measurement accuracy	±2℃/±2%
	Image mode	Thermal imaging, visible light, fusion of thermal imaging and visible light
	Palette	Black Hot/White Hot/Rainbow/Iron Red/Rock Red

Total 2 pages（1/2）

Industrial Acoustic Imager

Model: HT-SP01

Handheld Acoustic Imager enables fast and accurate location of air, gas and vacuum leaks in air systems, Acoustic Imaging Overlay with visible light image to quickly locate leaks.

Specification

Storage	Capacity	Built-in 16G eMMC (user available storage space is about 14G)
	Photograph	support
	Video	support
	Image/Video Format	JPEG/MP4
Interface	USB interface	Charge/Export pictures and videos
Power supply	Battery	Removable rechargeable lithium battery
	Machine power consumption	≤2W
	Battery life	≥4 hours
working/storage environment	Operating temperature	-20℃ ~ +60℃
	Storage temperature	-30℃ ~ +70℃
	Impact	≤1000G

Total 2 pages（2/2）

Thermal Imager Digital Multimeter

Model:HT-S1

PCB detector is combined with visible camera and infrared camera,the advantage is easy to use and high efficiency. Infrared camera can be detected the Infrared picture which is heating by PCB.

Specification

Infrared resolution:	320*240
Visible resolution:	5,000,000
Angel of View:	56°x42°
Thermal sensitivity:	0.07°C
Display mode:	Visible/Infrared/visible&infrared
Signal output:	USB
Measuring range:	-20°C ~300°C
Measuring accuracy:	±2°C or ±2%
Wavelength range:	7~14um
Frequency :	9Hz
Emissivity :	0.01~1.00 adjustable
Focus method:	Fixed
Palette:	Rainbow/Iron red/cold heat/black heat
Video storage:	Video store/picture store
Humidity:	85%RH
Working Temperature:	0°C~45°C
Storage temperature :	-20°C~60°C
Dimension :	240*199*201mm

Breast Detectors

Model: HT-S4

By collecting the infrared radiation characteristics of human energy of breast, and using artificial intelligence technology for real-time analysis, the evaluation and prediction of breast health status and related risks are achieved to assist in early screening and fast detection.

Specification

Working band	8~14μm
Measurement range	20°C ~ 50°C
Temperatue resolution	≤0.1°C（condition：20°C ~ 50°C）
Infrared image resolution	384x288
Thermal sensivity	<50mk
Instantaneous field of view	≤ 1.3mrad
Field of view	X:28.4°±2° Y:20.9°±2°
Focus mode	Fixed focal length
Operation system	Android 7.1
Memory	2GB
	16GB
Wireless protocol	802.11 a/b/g/n/ac
Lifting range	600mm
Vertical rotation range	20°
Impage factory cycle	<5s
Temperature measurement repeatability	≤0.2°C
8-inch display	1024*768
Effective imaging distance	0.3~5M

Infrared Night Vision Instrument
Model:HT-N01

This product is a day and night dual-purpose infrared night vision instrument suitable for nature observation, outdoor hunting, outdoor exploration, marine operation, night patrol, etc.

Specification

LCD resolution	1280x960
Frame frequency	30fps
Picture resolution	5M (2880x1620)、3M(2304x1296)、2M(1920x1280)
Video resolution	1920x1080；1280x720
Picture format	JPG
Video format	MP4
WIFI function	Support
Digital zoom	2x；3x；4x
Infrared wavelength	850nm
Infrared range	200m
Infrared power	5W
Power supply	One 18650 lithium battery; 2200mAh
IF card	8G (maximum supporting 32G)
Interface type	Micro USB；Type-C
Working duration	About 5 hours (turn off WiFi)
Auto power off duration	Off, 5 minutes, 10 minute
Weight	330g
Product dimension	135x85x53mm
Working temperature	0℃ to 45℃
Storage temperature	-20℃ to 60℃

Integrated PTZ Camera
Model:HT-G800

This product is a hi-tech product for cross-border detection, area intrusion, entering and leaving the area, wandering detection, rapid movement, personnel focus, illegal parking, legacy detection and object removal detection.

Specification

Model	G800	
Effective pixel	2 million	4 million
Signal to noise ratio	＞120dB	
Aperture	Auto/Manual，aperture: F1.4-F4.7	
Focal length	f=6.1-317.0mm，52x optical zoom	
Power supply	AC24V\DC24V/6.0A	
Infrared resolution	384x288	640x512
Sensor type	1/1.8 inch progressive scanning CMOS image sensor	
Operating ambient temperature	-40℃～60℃	
Protection class	IP66, built in 4000V lightning protection, anti surge and anti surge protection	
Installation mode	Post-mounted, wall-mounted and corner-mounted	
Dimension (LxWxH)	L330.0mm×W233.0mm×H483mm	
Abnormality detection	Scene change detection, sudden audio rising/falling detection, audio error detection, and virtual focus detection	
Behavior detection	Cross-border detection, area intrusion, entering and leaving the area, wandering detection, rapid movement, personnel focus, illegal parking, legacy detection and object removal detection	
Angle control	Support	
Response band	8-14μm	
Positioning accuracy	±0.1°	
3D function	It supports the functions of picture frame enlargement, target locking and site center	
RS485 controller's interface	Self adaption Pe Ico-P, Pe Ico-D and other protocols, baudrate 2400, 4800. 9600, 19200 optional	
Smart identification	Face detection	
Bearing weight	≤6kg (including movement protective covers)	
Product weight	11kg	

Multi-Spectral Night Vision Leaser Tracking

HT-G900-6L

Multi-spectral laser tracking, use A380 aluminum alloy that high resistance to sea water corrosion, with gyroscope stabilization, target tracking, infrared temperature measurement, Anti-fog, laser assisted lighting, laser ranging, 4G / 5G, COFDM wireless HD video transmission, face recognition analysis, license plate capture, etc.
Drive torque motor is high precision and Respond fast. BEIDOU and GPS apply to guide and navigation. 3-5 miles of the target early scanning and warning to prevent approaching. Temperature measurement is effective about 5 km on electricity station, forest, oilfield, gas lane, and chemical industry to provide real-time temperature. 5G wireless high-definition monitor can recognize high-risk target with face identification and license plate. Integrate BEIDOU and GPS Location, electronic fence, patrol path set, 1 km laser night vision, remote Start-Up
RS422 data two-way transmission, radar fire control system, vehicle shock absorption design.

Specification

Model No.	HT-G900-3L	HT-G900-4L	HT-G900-5L	HT-G900-6L
Day Light Range	2000m	3000m	3000m	5000m
Infrared Range	2000m	3000m	3000m	5000m
Leaser Range	1000m	2000m	3000m	3000m
Visiable Component				
Resolution	HD 1920X1080 / HD 2048X1536/ HD 4096X2160 / HD4000X3000			
Pixel	2/5/8/20 Mega Pixel optional			
Switch Mode	Auto / External Control			
Min. Light Require	Color：0.002Lux B/W：0.0002Lux Color：0.009Lux B/W：0.0009Lux			
HD Lens	6.6~320mm 15.6~350mm 6.6~320mm 15.6~350mm			

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Multi-Spectral Night Vision Leaser Tracking

HT-G900-6L

Specification

	Laser Lighting	Laser Ranging
Power Rate	10~35W	5~20W
Angle	0.2°~20°	0.02°~5°
Wave Length	805-980nm	1000-1700nm
Pattern	Laser Reforming Technique	Launch Laser 1-20 per second
Sync Zoom	Sync Laser with Len	Fixed Focus
Laser Mode	Light Sener/Manul/Time Controller	Light Sener/Manul/Time Controller optional
Leaser Range		1000m、2000m、3000m
Effective Range	3~6KM	
Function	3~4 Pre-Set Wave Band	
	Thermal Image Component	
Detector Class	Un-cooled Mode/Cooled Infrared Focal Array Senser/Micro Bolometer	
Thermal Resolution	384*288 640*480 1080*768 1920*1080	
Spectral Response	8~14µm	
Output Modes	Black hot, white hot, false color palettes	
Lens	FI.0/25-75、20-90、20-100、30-120、F1.2/150mmcontinuous zoom lens	
Focus Mode	Digital zoom, continuous zoom lens (customaziable)	
	Speciality	
RotatingSpeed	Horizon Fixed 3°/S or Variable 0.01°~200°/S，Vertical Fixed 1.5°/S or Variable0.01°~120°/S	
Rotating Angle	Horizon 360°Rotation,Vertical-35°- +75°(adjustable)	
Pre-postition	256	
Patrol	Support 8 Lanes,10 Pre-set mode per Lane	
Communication	RS485/422,PelcoD/P(9600/4800/2400)	
Encode Format	H.265/H.264/ONVIF/GB/T28181	
Code Rate	64Kbp~32Mbps	
FPS	1~25 FPS(PAL),1~30 FPS(NTSC)	
Subtitle Overlay	Lable,Data,Time,Alert	
Image Adjustment	Brightness,Contrast,Saturation	
Audio Quality	32KBPS	
Network Interface	1×10Base-T/100Base-TX,RJ45 Port	
Audio Port	1×Line In；1×Line Out	
Alarm Port	1×IN|1×OUT	
Storage Port	1×TF Port/Build-In	
Power Port	1×AC 200V Socket for External Power adapter	
Protocal	TCP/IP、ARP、ICMP、FTP、RTP/RTCP、NTP、DNS、DDNS、SNMP、PPPOE	
Character	Heartbeat Intelligent Retransmission and Reorganization,AT,ANR	

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Multi-Spectral Laser Night Vision
HT-D500-6G

Multi-spectral laser tracking, use A380 aluminum alloy that high resistance to sea water corrosion, with gyroscope stabilization, target tracking, infrared temperature measurement, Anti-fog, laser assisted lighting, laser ranging, 4G / 5G, COFDM wireless HD video transmission, face recognition analysis, license plate capture, etc.

Drive torque motor is high precision and Respond fast. BEIDOU and GPS apply to guide and navigation. 3-5 miles of the target early scanning and warning to prevent approaching. Temperature measurement is effective about 5 km on electricity station, forest, oilfield, gas lane, and chemical industry to provide real-time temperature. 5G wireless high-definition monitor can recognize high-risk target with face identification and license plate. Integrate BEIDOU and GPS Location, electronic fence, patrol path set, 1 km laser night vision, remote Start-Up RS422 data two-way transmission, radar fire control system, vehicle shock absorption design.

Wide-angle and tele-focus Thermal imaging city monitoring effect Thermal imaging road surface monitoring effect

Specification

Model No.	HT-D500-3G	HT-D500-4G	HT-D500-5G	HT-D500-6G
Day Light Range	3000m	5000m	5000m	5000m
Laser Range	1000m	2000m	3000m	3000m
Infrared Range	3000m	5000m	5000m	1000m
Iamge Trans Range			Global carrier network transmission	3-5KM
Visiable Component				
Resolution	HD 1920X1080 / HD 2048X1536/ HD 4096X2160 / HD4000X3000			
Pixel	2/5/8/20 Mega Pixel optional			
Switch Mode	Auto / External Control			
Min. Light Require	Color：0.002Lux B/W：0.0002Lux Color：0.009Lux B/W：0.0009Lux			
HD Lens	7~320mm 6.3~350mm 7~320mm 6.3~350mm			

(Total 2 pages) Page 1

Multi-Spectral Laser Night Vision
HT-D500-6G

Specification

	Laser Lighting	Laser Ranging
Power Rate	10~35W	5~20W
Angle	0.2°~20°	0.02°~5°
Wave Length	805-980nm	1000-1700nm
Pattern	Laser Reforming Technique	Launch Laser 1-20 per second
Sync Zoom	Sync Laser with Len	Fixed Focus
Laser Mode	Light Sener/Manul/Time Controller	Light Sener/Manul/Time Controller optional
Laser Range		1000m、2000m、3000m
Effective Range	3~6KM	
Function	3~4 Pre-Set Wave Band	
Thermal Image Component		
Detector Class	Un-cooled Mode/Cooled Infrared Focal Array Senser/Micro Bolometer	
Thermal Resolution	384*288 640*480 1080*768 1920*1080	
Spectral Response	8~14UM	
Output Modes	Black hot, white hot, false color palettes etc.	
Lens	75/100/150/250mm etc Zoom Lens	
Focus Mode	Digital zoom, continuous zoom lens (customaziable)	
Speciality		
RotatingSpeed	Horizon Fixed 3°/S or Variable0°~18°/S，Vertical Fixed 1.5°/S or Variable0°~12°/S	
Rotating Angle	Horizon 360°Rotation,Vertical-35°- +75°(adjustable)	
Pre-postition	256	
Patrol	Support 8 Lanes,10 Pre-set mode per Lane	
Communication	RS485/422,PelcoD/P(9600/4800/2400)	
Encode Format	H.265/H.264/ONVIF/GB/T28181	
Code Rate	64Kbp~32Mbps	
FPS	1~25 FPS(PAL),1~30 FPS(NTSC)	
Subtitle Overlay	Lable,Data,Time,Alert	
Image Adjustment	Brightness,Contrast,Saturation	
Audio Quality	32KBPS	
Network Interface	1×10Base-T/100Base-TX，RJ45	
Audio Port	1×Line In；1×Line Out	
Alarm Port	1×IN|1×OUT	
Storage Port	1×TF Port/Build-In	
Power Port	1×AC 200V Socket for External Power adapter	
Protocal	TCP/IP、ARP、ICMP、FTP、RTP/RTCP、NTP、DNS、DDNS、SNMP、PPPOE	
Character	Heartbeat Intelligent Retransmission and Reorganization,AT,ANR	

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Eletromegnetic Interference Equipment
Model:HT-G600-6P

National stability maintenance, local regional communication control, sound wave dispersal, infrared radar imaging, sea line, island unmanned automatic guard, position, base, prison, airport, nuclear power plant, petroleum, chemical enterprise factory warehouse, government organs, relevant important units of the venue maintenance. The main purpose is to prevent the invasion of small mantle targets such as unmanned aerial vehicles (UAVs) and illegal ACTS such as clanking photographs of transport by UAVs.

Specification

Model No.	HT-G600-3P	HT-G600-4P	HT-G600-5P	HT-G600-6P
Day Light Range	2000m	2000m	3000m	2000m
Effective Range	1500m	1500m	3000m	1500m
Thermal Image Range	500m	500m	500m	1000m
Laser ranging range	2000m	2000m	3000m	3000m
Visiable Component				
Resolution	HD 1920X1080 / HD 2048X1536/ HD 4096X2160 / HD4000X3000			
Pixel	2/5/8/20 Mega Pixel optional			
Switch Mode	Auto / External Control			
Min. Light Require	Color：0.002Lux B/W：0.0002Lux		Color：0.009Lux	B/W：0.0009Lux
HD Lens	6.6~320mm	15.6~350mm	6.6~320mm	5.6~350mm

Eletromegnetic Interference Equipment
Model:HT-G600-6P

Specification

	Laser Lighting	Laser Ranging
	10~35W	5~20W
Angle	0.2°~20°	0.02°~5°
Wave Length	805-980nm	1000-1700nm
Pattern	Laser Reforming Technique	Launch Laser 1-20 per second
Sync Zoom	Sync Laser with Len	Fixed Focus
Laser Mode	Light Sener/Manul/Time Controller	Light Sener/Manul/Time Controller optional
Laser Range		1000m、2000m、3000m
Effective Range	3~6KM	
Function	3~4 Pre-Set Wave Band	
Thermal Image Component		
Detector Class	Un-cooled Mode/Cooled Infrared Focal Array Senser/Micro Bolometer	
Thermal Resolution	384*288 640*512 1280*768 1920*1080	
Spectral Response	8~14μm	
Output Modes	Black hot, white hot, false color palettes etc.	
Lens	F1.0/25-75、20-90、25-100、30-120、F1.2/150mm	
Focus Mode	Digital zoom, continuous zoom lens (customaziable)	
Speciality		
RotatingSpeed	Horizon Fixed 3°/S or Variable0°~18°/S，Vertical Fixed 1.5°/S or Variable0°~12°/S	
Rotating Angle	Horizon 360°Rotation,Vertical-35°- +75°(adjustable)	
Pre-postition	256	
Patrol	Support 8 Lanes,10 Pre-set mode per Lane	
Communication	RS485/422,PelcoD/P(9600/4800/2400)	
Encode Format	H.265/H.264/ONVIF/GB/T28181	
Code Rate	64Kbp~32Mbps	
FPS	1~25 FPS(PAL),1~30 FPS(NTSC)	
Subtitle Overlay	Lable,Data,Time,Alert	
Image Adjustment	Brightness,Contrast,Saturation	
Audio Quality	32KBPS	
Network Interface	1×10Base-T/100Base-TX，RJ45	
Audio Port	1×Line In；1×Line Out	
Alarm Port	1×IN|1×OUT	

Interception performance			
Transmission frequency	410–450MHz±5MHz	881～939MHz±5MHz	1555-1637MHz±5MHz
	1158-1309MHz±5MHz	2385-2512MHz±5MHz	5713-5898MHz±5MHz
The transmission power	410–450 MHz ＞43dbm±3	881~939 MHz ＞43dbm±3	1158-1309MHz±＞40dbm±3
	1555~1637 MHz ＞42dbm±3	2400-2483.5MHz ＞46dbm±3	5725-5850MHz＞40dbm±3

Harmful Gas Detector

HT-K200-6P

The harmful gas detector is a kind of gas leakage detector with infrared spectrum detection and high resolution anti-fog lens dual spectrum design.180-degree panoramic scanning can detect harmful gases
in the air through detector in an environment of 1 ~ 5 km. Detection range is up to 50000ppm, which meets the requirements of relevant regulation. Detector has excellent stability, selectivity and high sensitivity, widely used in petrochemical industry, environmental protection, natural gas and other fields.
This detector enables users to improve productivity, security, and confidence in the data under test.This
is an effective tool to reduce the loss of company property and ensure safe production.
Purpose
Apply on Petrochimecal,City environment, Natural Gas

Specification

Model No.	HT-K200-3P	HT-K200-4P	HT-K200-5P	HT-K200-6P
Day Light Range	2000m	3000m	4000m	5000m
Detection Range	2000m	3000m	4000m	5000m
Mode	1/1.8"			
Focal(mm)	12.5-400(32X)			
Iris Range	F3.1-F16			
Focus Mode — Zoom	RS232			
Focus Mode — Focus	RS232			
Focus Mode — Iris	DC auto X1 / Video auto or remote control X1 / serial RS232			

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Harmful Gas Detector

HT-K200-6P

Specification

Exit Pupil Position			Yes
Mount Position			8
Min. Focal Distance(mm)			3
Connector Type			c
Weight(kg)			2.8
Voltage			6V/9V/12V
AOV HxV（4:3）	1/1.8'	Wide	30.9°x23.5°
		Tele	1.0°x0.77°

Thermal Component	
Detector Class	Un-cooled Mode/Cooled Infrared Focal Array Senser/Micro Bolometer
Resolotion	384*288 640*480 1080*768 1920*1080
Wave Band	8~14µm
Output Modes	Black hot, white hot, false color palettes
Lens	Fl.0/25-75、20-90、20-100、30-120、F1.2/150mm
Focus Mode	Digital zoom, continuous zoom lens (customaziable)

Speciality	
RotatingSpeed	Horizon Fixed 3°/S or Variable 0.01°~200°/S，Vertical Fixed 1.5°/S or Variable0.01°~120°/S
Rotating Angle	Horizon 360°Rotation,Vertical-35°- +75°(adjustable)
Pre-postition	256 个
Patrol	Support 8 Lanes,10 Pre-set mode per Lane
Communication	RS485/422,PelcoD/P(9600/4800/2400)
Subtitle Overlay	Lable,Data,Time,Alert
Network Interface	1×10Base-T/100Base-TX,RJ45 Port
Storage Port	1×TF Port/Build-In
Power Port	1×AC 200V Socket for External Power adapter
Protocal	TCP/IP、ARP、ICMP、FTP、RTP/RTCP、NTP、DNS、DDNS、SNMP、PPPOE
Communication Protocal	RS422 RS485 RS232

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Handheld Oscilloscope
Model:HT-780C

Digital storage oscilloscope is a kind of digital equipment with storage function, which uses digital circuit to carry out analog/digital conversion and memory the signal before trigger through memory. In addition to the function of analog oscilloscope, digital storage oscilloscope also has the unique advantages of waveform trigger, storage, display, measurement, waveform data analysis and processing.

Specification

Bandwidth	70MHz
Channel	Double channel
Real-time sampling rate	250MSa/s
Sampling mode	Normal, peak sampling
Storage depth	8K
Display	3.5-inch LCD
Waveform refresh rate	10000 wfrms/s
Input coupling	DC, AC, grounding
Input impedance	1MΩ±2%, parallel with 16pF±10pF
Probe attenuation coefficient	1X,10X,100X,1000X,10000X
Maximum input voltage	400V(DC+AC peak, 1MΩ input impedance (10:1 probe attenuation)
Bandwidth limitation	20MHz
Time base range	5ns/div-1000s/div, step by 1-2-5 binary mode
Vertical sensitivity	10mV/div~10V/div
Vertical resolution	8bit
Trigger type	Edge trigger
Trigger mode	Automatic, normal, single
Automatic measurement	Frequency, period, amplitude, maximum, minimum, average, peak to peak
Cursor measurement	Voltage difference between cursors (△V), time difference between cursors (△T)
Communication interface	USB TYPE-C
Dimension	198mm(L)x96mm(H)x38mm(W)
Weight	0.6kg (host)

Standard configuration of some performance parameters of multimeters

Digital display	4 1/2 bits (maximum display at 20000)
Measurement	voltage, current, resistance, capacitance, diode and on-off
Input resistance	10MΩ
Maximum input voltage	AC 750V，DC 1000V
Maximum input current	DC : 10A AC : 10A
Diode	0-2V

「Performance parameters of signal source (supporting HDS2425 & HDS2725 only)

Waveform output frequency	Sine wave	0.1Hz~25MHz
	Square wave	0.1Hz~5MHz
	Sawtooth wave	0.1Hz~1MHz
	Arbitrary wave	0.1Hz~5MHz
	Pulse wave	0.1Hz~5MHz
Sampling rate		125MSa/s
Number of channels		1
Output amplitude		20mVpp-5Vpp
Waveform length		8K
Vertical resolution		14bits
Output impedance		50Ω

Digital Storage Oscilloscope
Model:HT-791C

Digital storage oscilloscope is a kind of digital equipment with storage function, which uses digital circuit to carry out analog/digital conversion and memory the signal before trigger through memory. In addition to the function of analog oscilloscope, digital storage oscilloscope also has the unique advantages of waveform trigger, storage, display, measurement, waveform data analysis and processing.

Specification

Bandwidth	100MHz
Channel	4
Real-time samling rate	1GS/s
Time base range (s/div)	2ns/div - 1000s/div, step by 1 - 2 - 5
Display	7-inch TFT (true color) LCD screen, 65535 color, 800x480 pixel
Input impedance	1MΩ±2%, parallel with 15pF±5pF
Storage depth	20K
Frequency stability	±100ppm
Vertical accuracy (A/D)	8 bits, simultaneous sampling by two channels
Vertical sensitivity	5mV/div - 5V/div (at input)
Trigger	Edge, video
Automatic measurement	Peak-peak value, average value, root mean square value, cycle root mean square value, cursor root mean square value, frequency, cycle, working cycle, maximum value, minimum value, top, bottom value, amplitude, overshoot, pre impulse, rise time, fall time, phase, positive pulse, negative pulse width, positive duty cycle, negative duty cycle, delay A-B, delay A-B, number of positive pulses, number of negative pulses, number of rising edges, Number of falling edges, area, periodic area
Waveform calculation	+, -, x, ÷, reverse, FFT
Waveform storage	16 groups of waveforms
Standard interface	USB Host & Device
Frequency meter	Support
Power supply	100V - 240V AC, 50/60Hz, CAT II
Dimension (LxHxW)	301x 152 x 70 mm
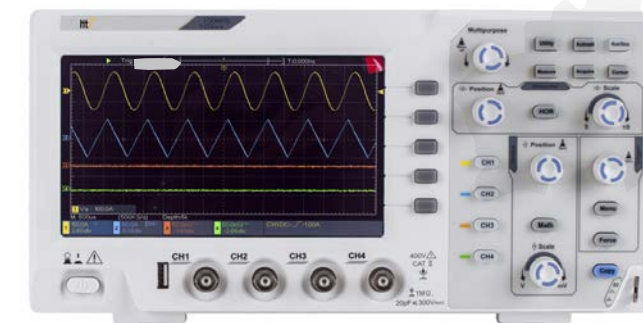
Video Monitoring Tester
Model:HT-901C

This product is an instrument for video monitoring engineering installation and maintenance, generic cabling, network testing, optical fiber communication installation and maintenance, optical fiber CATV Engineering installation and maintenance, optical fiber communication test, security equipment maintenance, fast ball, camera detection, video transmission channel detection and PTZ protocol control.

Specification

Touch screen	7-inch G+G structure capacitance screen
Liquid crystal display	7-inch resolution1920x1200 IPS high definition angle of view
WIFI	Built-in wireless WIFI, at speed of 150M
Video image magnification	The mobile HD video image can be enlarged in real time with a maximum magnification of 8 times
Shooting, video recording, and playback	All video images support shooting, video recording and playback
Audio test	1-path audio input/output test, capable of voice recording for saving and connecting the earphone for playing
DC 12V power output	12V DC output, maximum current at 3A, with camera as the temporary working power supply
DC 5V output	Providing power supply for the camera supplying electricity for USB or providing mobile phone with emergency power supply, with maximum at 2A
Charger	DC 12V/2A
Battery	7.4 polymer aluminum battery, 7800mAh, which can be used for 8-15h
Charging duration	About 5 hours
Language	More than 10 languages, including Simplified Chinese, Traditional Chinese, Russian, English, etc
Built-in SD storage space	8G
Working temperature	-10°C—+50°C
Operating humidity	30% 90%
PSE voltage test	Display voltage size and line condition of pEO power supply switch equipment
PTZ control	With more than thirty protocols, including Pelco-D/P, Samsung and Panasonic
Optional function	Line finder, multimeter, HDMI, SDI, ACT coaxial 3-in-1, breakpoint test, red light source optical power, OTDR
Weight	0.9kg
Product dimension (LxH)	23x14x4.5cm

Video Monitoring Tester
Model:HT-902C

This product is an instrument for video monitoring engineering installation and maintenance, generic cabling, network testing, optical fiber communication installation and maintenance, optical fiber CATV Engineering installation and maintenance, optical fiber communication test, security equipment maintenance, fast ball, camera detection, video transmission channel detection and PTZ protocol control.

Specification

Touch screen	7-inch G+G structure capacitance screen
LCD	7-inch resolution1920x1200 IPS high definition angle of view
WIFI	Built-in wireless WIFI, at speed of 150M
Video image magnification	The mobile HD video image can be enlarged in real time with a maximum magnification of 8 times
Shooting, video recording, and playback	All video images support shooting, video recording and playback
Audio test	1-path audio input / output test, which can be recorded and saved, and connected to the headphone sound source for external playback
DC 12V power output	12V DC output, maximum current at 3A, providing temporary power source for the camera
DC 5V output	The camera supplying power for USB at maximum 2A, capable of connecting USB disk and mouse
Charger	DC 12V/2A
Battery	7.4V integrated hard shell polymer aluminum battery, 7800mAh, capable of continuous use for 8-10h
Charging duration	About 5 hours
Language	More than 10 languages, including Simplified Chinese, Traditional Chinese, Russian, English, etc
Running/Storage space	2G*16G
Working temperature	-10°C—+50°C
Operating humidity	30%-90%
PSE voltage test	Display voltage size and line condition of pEO power supply switch equipment
PTZ control	With more than thirty protocols, including Pelco-D/P, Samsung and Panasonic
Optional function	Line finder, multimeter, HDMI, SDI, ACT coaxial 3-in-1, breakpoint test, red light source optical power, OTDR
Weight	1.25kg
Product dimension (LxH)	25x16.5x5.5cm

Non-Contact Body Infrared Thermometer   Model:HT-820D

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°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.

Different temperature range different backight,distinguished quickly.

Non-Contact Body Infrared Thermometer   Model:HT-860D

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 backight,distinguished quickly.

Body   Body   Body

36.7°C Log 18   37.6°C Log 31   38.7°C Log 34

normal   Slight   serious

Non-Contact Body Infrared Thermometer   Model:HT-880

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°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.

Different temperature range different backight,distinguished quickly.

Ear Infrared Thermometer
Model:HT-208

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 backight,distinguished quickly.

Body   Body   Body

36.7°C Log 18   37.6°C Log 31   38.7°C Log 34

normal   Slight   serious

Bluetooth Infrared Thermometer
Model:HT-806

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-40˚C~550˚C(-40˚F~1022˚F)
Accuracy	±2% or ±2˚C/±5˚C
Resolution	0.1˚C/˚F
Response time	<1s
Optical Resolution	12:1
Emissivity	Fixed at 0.95
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitoring data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

Infrared Thermometer
Model:HT-88A/88C

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-40˚C~380˚C(-40˚F~716˚F)(HT-88A)
	-40˚C~550˚C(-40˚F~1022˚F)(HT-88C)
Accuracy	±2% or ±2˚C/±5˚F
Resolution	0.1˚C/˚F
Response time	<1s
Optical Resolution	12:1
Emissivity	Fixed at 0.95
Operating Voltage	9V
Size	180×107×40mm
Weight	180g
Accessories	battery,manual black bag and blister card.

Temperature   **Display**

Compact Infrared Thermometer
Model:HT-822/826

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-40˚C~380˚C(-40˚F~716˚F)(HT-822)
	-40˚C~550˚C(-40˚F~1022˚F)(HT-826)
Accuracy	±2% or ±2˚C/±4˚F
Resolution	0.1˚C/˚F
Response time	<1s
Optical Resolution	12:1
Emissivity	Fixed at 0.95
Operating Voltage	9V
Size	160×86×46mm
Weight	160g
Accessories	battery,manual black bag and gift box.

Compact Infrared Thermometer
Model:HT-812/816

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-40˚C~450˚C(-40˚F~842˚F)(HT-812)
	-40˚C~650˚C(-40˚F~1202˚F)(HT-816)
Accuracy	±2% or ±2˚C/±4˚F
Resolution	0.1˚C/˚F
Response time	<1s
Optical Resolution	12:1
Emissivity	Fixed at 0.95
Operating Voltage	9V
Size	180×107×40mm
Weight	130g
Accessories	9V battery,manual and blister card.

Infrared Thermometer with Dual Laser Targeting
Model:HT-817/818/819

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-50˚C~650˚C(-58˚F~1202˚F)(HT-817)
	-50˚C~850˚C(-58˚F~1562˚F)(HT-818)
	-50˚C~1050˚C(-58˚F~1922˚F)(HT-819)
Accuracy	±2% or ±2˚C/±4˚F
Resolution	0.1˚C/˚F
Response time	<1s
Optical Resolution	12:1
Emissivity	0.1~1.0 Adjustable
Operating Voltage	9V
Size	180×107×40mm
Weight	130g
Accessories	9V battery,manual and blister card.

High Temperature Infrared Thermometer with Type K Input
Model:HT-6896/6897/6898/6899

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-50˚C~1350˚C(-58˚F~2462˚F)(HT-6896)
	-50˚C~1650˚C(-58˚F~3002˚F)(HT-6897)
	-50˚C~1800˚C(-58˚F~3272˚F)(HT-6898)
	-50˚C~2200˚C(-58˚F~3992˚F)(HT-6899)
Accuracy	±2%
Resolution	0.1˚C/˚F
Type K Temp.Range	-50˚C~1370˚C(-58˚F~2498˚F)
Type K Temp.Resolution	0.1(≤2000˚F）/1(≥2000˚F)
Response time	<0.15s
Optical Resolution	50:1
Emissivity	Adjustable 0.10~1.0
Operating Voltage	9V
Size	260×155×54mm
Weight	295g
Accessories	battery,black bag,gift box ,black bag,
	Tripod and KType Temperature probe.

Non-contact High Temperature Infrared Thermometer   Model:HT-6885/6888/6889

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-50˚C~1050˚C(-58˚F~1922˚F)(HT-6885)
	-50˚C~1300˚C(-58˚F~2372˚F)(HT-6888)
	-50˚C~1600˚C(-58˚F~2912˚F)(HT-6889)
Accuracy	±2%
Resolution	0.1˚C/˚F
Operating temp	0˚C~50˚C(32˚F~122˚F)
Storage temp	-10˚C~60˚C(-14˚F~140˚F)
Response time	0.15s
Optical Resolution	50:1
Emissivity	Adjustable 0.10~1.0
Operating Voltage	9V
Size	260×155×54mm
Weight	283g
Accessories	battery,manual,Tripod and black box and gift box.
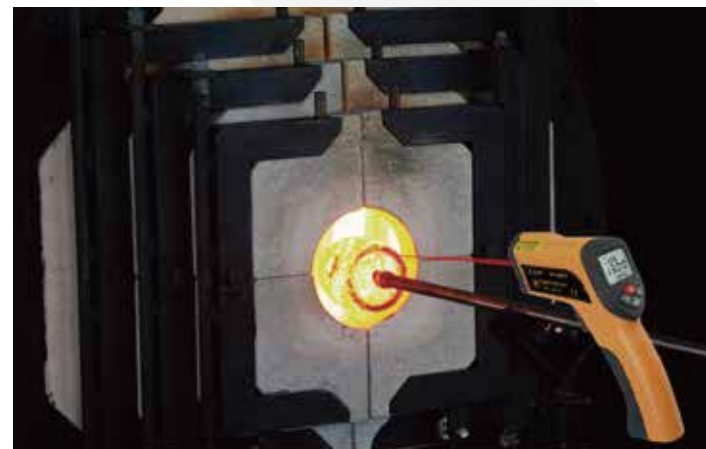
High Temperature Infrared Thermometer with Type K Input   Model:HT-862/866/868

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-50˚C~550˚C(58˚F~1022˚F)(HT-862)
	-50˚C~880˚C(58˚F~1616˚F)(HT-866)
	-50˚C~1050˚C(58˚F~1922˚F)(HT-868)
Accuracy	±2%
Resolution	0.1˚C/˚F
Type K Temp.Range	-50˚C~1370˚C(58˚F~2498˚F)
Type K Temp.Resolution	0.1(≤2000˚F）/1(≥2000˚F)
Response time	<1s
Optical Resolution	13:1(HT-862/866)/30:1(HT-868)
Emissivity	Adjustable 0.10~1.0
Operating Voltage	9V
Size	178.5×42×90.5mm
Weight	165g
Accessories	battery,black bag,gift box black bag and K Type
	Temperature probe.

Compact Infrared Thermometer
Model:HT-861

Compact Infrared thermometer widely used to be measure the temperature in industry.

Specification

Temperature range	-40˚C~380˚C(-40˚F~716˚F)
Accuracy	±2% or ±2˚C/±4˚F
Resolution	0.1˚C/˚F
Response time	<1s
Optical Resolution	12:1
Emissivity	Fixed at 0.95
Operating Voltage	9V
Size	160×86×46mm
Weight	142g
Accessories	battery,manual black bag and blister card.

Mini IR Thermometer
Model:HT-290

It is used to be measure freezer,dishwasher and oven.
ensure proper cooking,grilling and storage temperature.

Specification

Temperature range	-40°C~300°C(-40°F~572°F)
Accuracy	±2% or ±2°C/±4°F
Resolution	0.1°C/°F
Response time	<1s
Optical Resolution	6:1
Emissivity	Fixed at 0.95
Operating Voltage	2×1.5V
Size	95×55×30mm
Weight	74g
Accessories	battery,manual and blister card.

Bluetooth Dual Temperature Meter
Model:HT-802

It is used for measuring temperature via probe,and it is
usually used in industrial measurement.

Specification

Temperature range	Basic accuracy
-200°C~1372°C(-328°F~2501°F)	
T1,T2 above-100°C(-148°F)	±[0.15%rdg + 1°C(1.8°F)]
T1,T2 below-100°C(-148°F)	±[0.5%rdg + 2°C(3.6°F)]
T1-T2	±[0.5%rdg + 1°C(1.8°F)]
Type K temperature resolution	0.1°C/°F/K,<1000。 1°C/°F/K,>1000。
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitor	
data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

Thermocouple Thermometers

Model:HT-9815

It is used for measuring temperature via probe,and it is usually used in industrial measurement.

Specification

Temperature range	Basic accuracy
-200˚C~1372˚C(-328˚F~2501˚F)	
T1,T2,T3,T4 above-100˚C(-148˚F)	±[0.15%rdg + 1˚C(1.8˚F)]
T1,T2,T3,T4 below-100˚C(-148˚F)	±[0.5%rdg + 2˚C(3.6˚F)]
Type K temperature resolution	0.1˚C/˚F/K,<1000。
	1˚C/˚F/K,>1000。
Size	200×85×38mm
Weight	230g
Accessories	9V battery,black bag,manual blister card and type K probe

Pipe Clamp Temperature Lead

Model:HT-05

It is used to clamp the object,measure the object temperature.

Specification

Operating temperature	-40˚F to 392˚F(-40˚C to 200˚C)
Clamp jaw opening	1~1.77 "(4.5cm)
Length	40 "(102cm)
Size	200×85×38mm
Weight	87g
Accessories	blister card

Bluetooth Temperature And Humidity Meter

Model:HT-801

Temperature and humidity meter is used for measuring the surroundings temperature and humidity so that we can know the environment conditions for production and storage.

Specification

Humidity range	0~100%RH
Temperature range	-20˚C~80˚C(-4˚F~176˚F)
Dew point temperature	(-20˚C~80˚C/-4˚F~176˚F)
Wet Bulb temperature	0˚C~80˚C/32˚F~176˚F)
Humidity accuracy	±3%RH(25˚C,20%~80%RH).
	±2.5%RH(At other ranges)
Air temperature accuracy	±0.8˚C/±0.9˚F(25˚C)
	±0.8˚C/±1.5˚F(At other ranges)
Resolution	0.01%RH,0.01˚C/0.01˚F
Response time	10S
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitor data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

Temperature And Humidity Meter

Model:HT-96

Temperature and humidity meter is used for measuring the surroundings temperature and humidity so that we can know the environment conditions for production and storage.

Specification

Humidity range	0~100%RH
Temperature range	-20℃~80℃(-4℉~176℉）
Dew point temperature	(-20℃~80℃/-4℉~176℉）
Wet Bulb temperature	0℃~80℃/32℉~176℉）
Humidity accuracy	±3%RH(25℃,20%~80%RH).
	±4.5%RH(At other ranges)
Air temperature accuracy	±0.5℃/±0.9℉(25℃)
	±0.8℃/±1.5℉(At other ranges)
Resolution	0.01%RH,0.01℃/0.01℉
Response time	10S
Size	185mm×56mm×41mm
Weight	100g(battery not included)
Accessories	9v battery,manual and blister card

Temperature And Humidity Meter

Model:HT-350

Temperature and humidity meter is used for measuring the surroundings temperature and humidity so that we can know the environment conditions for production and storage.

Specification

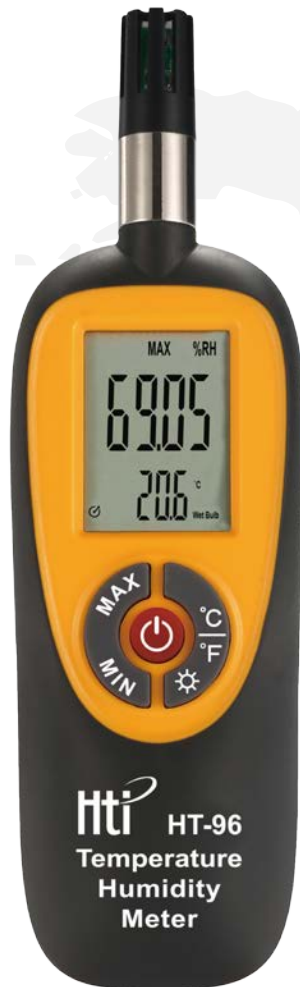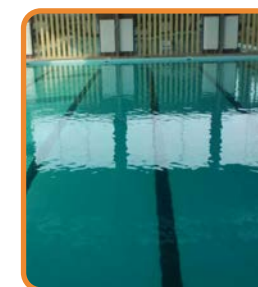|	
Humidity range	0~100%RH
Temperature range	-30~100℃(-22℉~212℉）
Dew pint temperature	-30~100℃(-22℉~212℉）
Wet bulb temperature	(0~80℃/-32℉~176℉）
Humidity accuracy	±2%RH(25℃,20%-80%RH)
	±2.5%RH(All other ranges)
Air temperature accuracy	±0.5℃/±0.9℉(25℃)
	±0.8℃/±1.5℉(All other ranges)
Resolution	0.01%RH,0.01℃/0.01℉
Response time	10S
Battery type	9V Battery NEDA 1604,IEC 6F22
Operating temperature	32℉ to 104℉(-10℃ to 40℃） <80% RH
Storage temperature	14℉ to 140℉(-10℃ to 60℃） <80% RH
Size	228×55×33mm
Weight	192g
Accessories	9V battery,manual black bag and gift box.

Temperature And Humidity Meter
Model:HT-86

Temperature and humidity meter is used for measuring the surroundings temperature and humidity so that we can know the environment conditions for production and storage.

Specification

Humidity range	0~100%RH
Temperature range	-20℃~80℃(-4℉~176℉)
Dew point temperature	(-20℃~80℃/-4℉~176℉)
Wet Bulb temperature	0℃~80℃/32℉~176℉)
Humidity accuracy	±3%RH(25℃,20%~80%RH). ±4.5%RH(At other ranges)
Air temperature accuracy	±0.5℃/±0.9℉(25℃) ±0.8℃/±1.5℉(At other ranges)
Resolution	0.01%RH,0.01℃/0.01℉
Response time	10S
Size	175mm×58mm×35mm
Weight	143g
Accessories	9v battery,manual and blister card

Temperature and Humidity Data Logger
Model:HT-160

Data logger is used for measuring the surroundings temperature and humidity so that we can know the environment conditions for production and storage.

Specification

Temperature Range &Accuracy	-40~105℃(-40℉~221℉);±2℉/1℃
Humidity Range&accuracy	0~100%RH ±3%RH(only HT-160)
Resolution	0.1%RH,0.1℉/℃
Memory	21,000(HT-160),16,000(HT-160B)
Measuring rate	Selectable from 1s~24h
Battery Life	3 years
Analysis software	Windows98/2000/xp/win7/win8/Vista/Mac OS
Size	115mm×34mm×23mm
Weight	25g
Battery	3.6v

Temperature and Humidity Data Logger
Model:HT-165

Data logger is used for measuring the surroundings temperature and humidity so that we can know the environment conditions for production and storage.

Specification

Temperature Range &Accuracy	-30~60℃(-22℉~-1.0℉) ±0.5℃/±0℉
Humidity Range&Accuracy	0~100%RH ±3%RH(25℃;10%~90%RH)
Resolution	0.1%RH,0.1℃/0.1℉
Memory	21,00
Measuring rate	Selectable from 1s~24h
Battery Life	3 years
Analysis software	Windows98/2000/xp/win7/win8/Vista/Mac OS
Size	86mm×47mm×13mm
Weight	30g
Battery	3.0v

Temperature and Humidity Data Logger with LCD Display
Model:HT-161/163

Data logger with LCD display is used for measuring the surroundings temperature/humidity&Barometric pressure so that we can know the environment conditions for production and storage.

Specification

Temperature Range &Accuracy	-40~105℃(-40℉~221℉);±2℉/1℃
Humidity Range&accuracy	0~100%RH ±3%RH
Barometric pressure range &accuracy	10~1200mbar;±1.5mbar(only HT-163)
Resolution	0.1%RH;0.1℉/℃;0.13mbar
Memory	21,000(HT-161),12,700(HT-163)
Measuring rate	Selectable from 1s~24h
Battery Life	3 years
Analysis software	Windows98/2000/xp/win7/win8/Vista/Mac OS
Size	115mm×34mm×23mm
Weight	27g
Battery	3.6v

Four in one gas detector
Model:HT-1805

It can be used in mining,metallurgy security ring,petrochemical, power telecommunications,municipal and other occasions.

Specification

Vibration-proof enclosure	
2in color display	
Detection of gas:H2s/CO/O2(%Volume ratio)/Combustible gas (site selection)	
Measurement range:0-100ppm(H2S)/0-500ppm(CO)0-25%(O2)	
0-100%LEL(Combustible gases)	
Rechargeable Battery	
VIsual,auditory alarm and buzzer alam	
Automatic or mobile phone open, red flashing, vibration	
Alarm values can be set	
Full function self-test	
Size:136mm×68mm×34mm	
Weight:250g	

PM2.5 Detector
Model:HT-403

This product is featured by high precision, stable performance, easy operation, and convenient carrying; it is suitable for household indoor, office, vehicle and natural environment.

Specification

Measuring range	0~999ug/m3
Resolution	1ug/ m3
Accuracy	±10ug/ m3（0~100ug/ m3）；±10%(100~500ug/ m3)
Refresh time	about 1 second
Automatic shutdown	30 minutes
Use time	about 2 hours
Charging time	about 3.5 hours
Operating temperature	0 ~ 50 ℃
Working humidity	0 ~ 90% RH
Power supply	Built-in 3.7V lithium battery
Size	74mm × 71mm × 27mm
Weight	76g

Air quality detector
Model:HT-9600/9602

has the function of measuring PM2.5, PM10, counting of dust particles, temperature and humidity. The product is provided with high measurement precision, stable performance and simple operation and convenient to carry. It is suitable for indoor environment of family, office, inside of cars and natural environment, etc.

Specification

Test particle size	0.3µm/2.5µm/10.0µm
Light source	Semiconductor lasers
Accuracy	±12%(or±12ug/m³)
Temperature Range	0˚C~50˚C/32~122˚F）
Accuracy	+/-0.5˚C
Humidity Range	0~100%RH
Accuracy	+/-3%RH
display	320*240 2.8in LCD display
Counting efficiency	100±10%@0.5µm
Sampling	120s
Sampling frequency	1~99/Continuous
Alarm levels	1~100,000(FED209E Standard)
	2~9（ISO14464-1Standard）
Data Storage	2000
Interface	USB
Operating environment	-10˚C~50˚C,10~90%RH
Storage environment	-20˚C~60˚C<90%RH
Carbon dioxide range	0-9999ppm
Precision	±70ppm/3% of reading(400~2000ppm)

Pollution level diagram	Air quality grade	24 hours PM 2.5 average standard value
	excellent	0~35
	good	35~75
	Slight pollution	75~115
	Moderate pollution	115~150
	Severe pollution	150~250
	Severe pollution	＞250

Carbon Monoxide Meter
Model:HT-1000/1000H

Carbon Monoxide Meters is used for detecting Carbon Monoxide,which is Widely used in industrial measurement.

Specification

Operating temperature	0°C~50.0°C
Storage temperature	-10°C~60°C
Operating humidity	0~90%RH
Measurement range	0~1000PPM
Measurement resolution	1PPM
Accuracy	±5%/±10PPM
Warm up period	<2s
Operating Voltage	9V
Auto power off	15 minutes
Sensor type	Stabilized electrochemical Gas-specific(CO)
Size	160×55×40mm
Weight	156g
Accessories	9V battery,manual,Silicone Case and blister card.

Carbon Monoxide Meter
Model:HT-530

Carbon Monoxide Meter is used for detecting Carbon Monoxide,whch is widely used in industrial measurement.

Specification

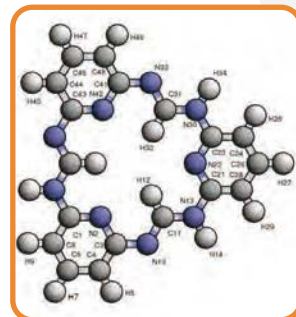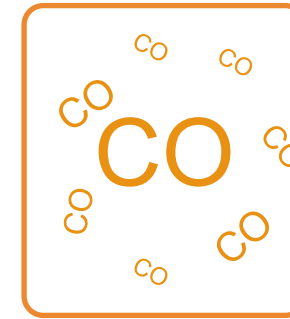|	
Measuring objective	Carbon monoxide
Range	0~999PPM
Resolution ratio	0.1PPM (0~99);1PPM(100~999)
Precision ratio	±5% /±10 PPM
Reaction speed	<2 seconds
Power supply	Built-in 3.7V lithium battery
Working current	50uA (without alarm)
Operation humidity	Relative density 0-90% (moisture not condensed)
Operation temperature	0℃~50℃
Storage temperature	-10℃~60℃
Sensor type	electrochemical carbon monoxide sensor
Size	110mm×50mm×40mm
Weight	102g
Attachment	Instruction for use, color box
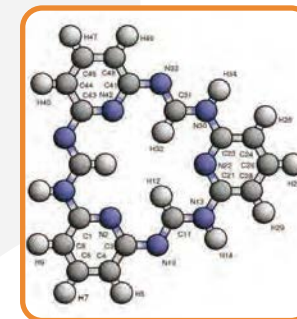
Bluetooth Carbon Monoxide Meter
Model:HT-809

Carbon Monoxide Meter is used for detecting Carbon Monoxide,whch is widely used in industrial measurement.

Specification

Measuring objective	Carbon monoxide
	0～999PPM
Resolution ratio	0.1PPM (0～99);1PPM(100～999)
Precision ratio	±5% /±10 PPM
Reaction speed	<2 seconds
Working current	50uA (without alarm)
Operation humidity	Relative density 0-90% (moisture not condensed)
Operation temperature	0℃～50℃
Storage temperature	-10℃～60℃
Sensor type	electrochemical carbon monoxide sensor

4 AAA batteries

The device can with a small display, the APP of Android and IOS can monitoring data remotely (Bluetooth transmission)

Can generate digital charts, trend graphs;

Support to save / share data graphs .xls

Support save / share trend graphs .jpg

IOS8.3 / Android 4.3 above (bluetooth4.0)
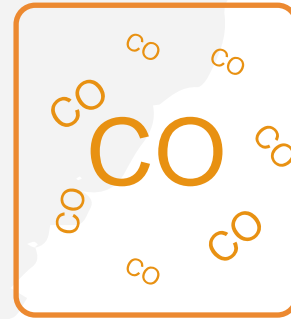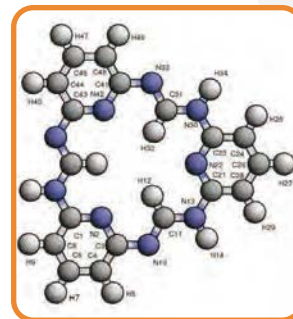
Bluetooth CO2 Meter
Model:HT-810

Carbon dioxide meter is widely used in factory,workshop, green house,clean room,industry and agriculture,wine bar,hotel,hospital,shop market,airport,railway station, entertaiment hall and moive theater etc.

Specification

Carbon Dioxide(CO_2)	
Range	0~9999PPM
Accuracy	±70ppm or ±3% rdg (0~5000PPM)
Response time	1s
Temperature Range	-10~70℃(14~158℉)
Resolution	0.1℃/℉
Accuracy	±0.3℃(10~50℃) ,others ±1.2℃
Humidity Range	0.1~99.9%RH
Resolution	0.1%
Accuracy	±3%(10~90%)
Logging Memory	12700
Operating Condition	0~50℃,0~85%RH （Condensation)
Storage Condition	-20~60℃,0~99%RH（Condensation)
Sensor life	15 years in normal cose
Storage temperature	-20~60℃,0~90%RH（No Conden Sation)

4 AAA batteries

The device can with a small display, the APP of Android and IOS can monitoring data remotely (Bluetooth transmission)

Can generate digital charts, trend graphs;

Support to save / share data graphs .xls

Support save / share trend graphs .jpg

IOS8.3 / Android 4.3 above (bluetooth4.0)

Carbon Dioxide Detector

Model:HT-401

This product is featured by high precision, stable performance, easy operation, and convenient carrying; it is suitable for household indoor, hotel, vehicle and office.

Specification

Measuring object	Carbon Dioxide
Measuring range	0～9999 PPM
Accuracy	±70ppm or / ±5% reading (0~5000 PPM)
Resolution	1PPM
Automatic shutdown	30 minutes
Use time	about 4 hours
Charging time	about 3.5 hours
Working temperature	0 ~ 50 ℃
Working humidity	20 ~ 90% RH
Power supply	Built-in 3.7V lithium battery
Size	74mm × 71mm × 27mm
Weight	60g

Formaldehyde Detector

Model:HT-402

This product is featured by high precision, stable performance, easy operation, and convenient carrying; it is suitable for household indoor, hotel, vehicle and office.

Specification

Range	0-3mg/m3
Resolution	0.001mg/m3
Accuracy	±10% or ±0.02mg/m3
Automatic shutdown	30 minutes
Use time	about 7 hours
Charging time	about 3.5 hours
Working temperature	-10 ~ 40 ℃
Working humidity	20 ~ 90% RH
Power supply	Built-in 3.7V lithium battery
Size	74mm × 71mm × 27mm
Weight	60g

Bluetooth Formaldehyde Meter

Model:HT-811

Formaldehyde Meter is widely used in factory,workshop, green house,clean room,industry and agriculture,wine bar,hotel,hospital,shop market,airport,railway station, entertaiment hall and moive theater etc.

Specification

|	
Formaldehyde(HCHO) Range	0~5.000mg/m³
Accuracy	±5% or ±0.02mg/m³ ,±10% ±0.02mg/m³
Response time	1s
Temperature Range	-10~70℃(14~158℉)
Resolution	0.1℃/℉
Accuracy	±0.6℃/±0.9℉(0~50℃/32~122℉),others ±1.2℃
Humidity Range	0.1~99.9%RH
Resolution	0.1%
Accuracy	±0.3℃(10~50℃) others are ±1.2℃
Logging Memory	27000
Operating Condition	0~85%RH
Storage Condition	-20~60℃,0~90%RH
Sensor life	3years
Storage temperature	40~70℃(40~ 158℉)
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitoring data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

Formaldehyde Meter
Model:HT-502

Formaldehyde Meter is widely used in factory,workshop, green house,clean room,industry and agriculture,wine bar,hotel,hospital,shop market,airport,railway station, entertaiment hall and moive theater etc.

Specification

Large LCD Display	Color display with backlight
Logger mode	key start/stop,Immediately,Schedule,Real-time&Roll-over
Carbon Dioxide(CO2)	
Range	0~5.000mg/m^3
Accuracy	±5% or ±0.02mg/m^3 ,±10% ±0.02mg/m^3
Response time	1s
Temperature Range	-10~70°C(14~158°F)
Resolution	0.1°C/$^\circ$F
Accuracy	±1°C
Humidity Range	0.1~99.9% RH
Resolution	0.1%
Accuracy	±4°C
Logging Memory	27000
Operating Condition	0~85%RH
Storage Condition	-20~60°C,0~90%RH
Sensor life	3years
Storage temperature	40~70°C(40~ 158°F)
Battery	3.7V rechargeable Li-ion polymer battery
Size	107×107×59mm

CO2 Meter
Model:HT-501

Carbon dioxide meter is widely used in factory,workshop, green house,clean room,industry and agriculture,wine bar,hotel,hospital,shop market,airport,railway station, entertaiment hall and moive theater etc.

Specification

Large LCD Display	Color display with backlight
Logger mode	key start/stop,Immediately,Schedule,Real-time&Roll-over
Carbon Dioxide(CO2)	
Range	400~9999PPM
Accuracy	±70ppm or ±3% rdg (0~5000PPM)
Response time	10s
Temperature Range	-10~70°C(14~158°F)
Resolution	0.1°C/$^\circ$F
Accuracy	±0.1°C(10~50°C) ,others ±1.2°C
Humidity Range	0.1~99.9%RH
Resolution	0.1%
Accuracy	±3%(10~90%)
Logging Memory	12700
Operating Condition	0~50°C,0~85%RH （Condensation)
Storage Condition	-20~60°C,0~99%RH（Condensation)
Sensor life	15 years in normal cose
Storage temp	-20~60°C,0~90%RH（No Conden Sation)
Battery	3.7V rechargeable Li-ion polymer battery
Size	107×107×59mm

CO2 Meter
Model:HT-512

Carbon dioxide meter is widely used in factory,workshop, green house,clean room,industry and agriculture,wine bar,hotel,hospital,shop market,airport,railway station, entertaiment hall and moive theater etc.

Specification

Large LCD Display	Color display with backlight
Logger mode	key start/stop,Immediately,Schedule,Real-time&Roll-over
Carbon Dioxide(CO2)	
Range	400~9999PPM
Accuracy	±70ppm or ±3% rdg (0~5000PPM)
Response time	10s
Temperature Range	-10~70°C(14~158°F)
Resolution	0.1°C/°F
Accuracy	±0.1°C(10~50°C),others ±1.2°C
Humidity Range	0.1~99.9%RH
Resolution	0.1%
Accuracy	±5%(10~90%)
Logging Memory	12700
Operating Condition	0~50°C,0~85%RH（Condensation)
Storage Condition	-20~60°C,0~99%RH（Condensation)
Sensor life	15 years in normal cose
Storage temp	-20~60°C,0~90%RH（No Conden Sation)
Battery	3.7V rechargeable Li-ion polymer battery
Size	155×100×66mm

CO2 Meter
Model:HT-2000

Carbon dioxide meter is widely used in factory,workshop, green house,clean room,industry and agriculture,wine bar, hotel,hospital,shop market,airport,railway station, entertaiment hall and moive theater etc.

Specification

Large LCD Display	3.5" (8.9cm)LCD display with backlight
Logger mode	key start/stop,Immediately,Schedule,Real-time&Roll-over
Carbon Dioxide(CO2)	
Range	0~9999ppm
Accuracy	±70ppm/3% of reading(400~2000ppm)
Response time	10s
Temperature	
Range	-10~70°C(14~158°F)
Resolution	0.1°C/°F
Accuracy	±0.6°C/±0.9°F(0~50°C/32~122°F),others ±1.2°C
Humidity	
Range	0.1~99.9%RH
Resolution	0.1%
Accuracy	±3%(10~90%) others ±4.5°C
Logging Memory	12700
Operating Condition	0~50°C,0~95%RH
Storage Condition	-20~60°C,0~99%RH
Sensor life	15years in normal cose
	Environments with ABC on
Storage temp	40~70°C(40~ 158°F)
Battery	4×AA type Alkaline Battery or USB -Power

Wall Mount CO2 monitor
Model:HT-2008

Specification

Display mode	LED display
Carbon Dioxide(CO2)	0~9999PPM
Accuracy	70ppm ±3%
Resolution	1ppm
Response time	1s
Repeatability	±20ppm
Temperature Range	-40~1250°C/（104~257°F）
Temperature Accuracy	±0.5°C/±0.6°F(10~55°C/50~131°F)
Humidity Range	0.1-99.9%
Humidity Accuracy	±3%RH(20%RH~80%RH) 25°C
Power	adaptor(DC9v)
Operating Environment	5 ~ 30°C; (0~85%RH)
Sensor life	15 years in nomal cose
Size	388×288×43mm
Wight	2420g
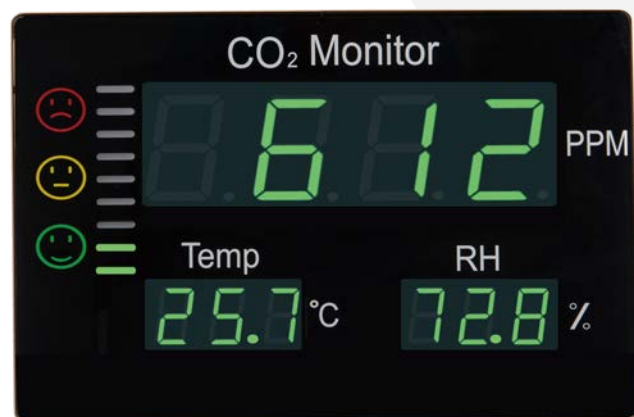
Ammonia detector
Model:HT-1000N

This product is a special instrument for detecting ammonia gas concentration.
In the home, various types of cold storage room, ammonia-containing laboratory, ammonia storage warehouses, etc. applied to ammonia gas in industrial sites can effectively prevent poisoning.Explosion accidents, protect life and property safety.

Specification

Range	0～1000PPM
Basic Error	±3%FS
Resolution	1PPM
Sensor principle	Electrochemical principle
Automatic shutdown	15 minutes
Alarm mode	buzzer alarm
Response time	≤ 20 seconds
Recovery time	≤ 30 seconds
Working temperature	0～50°C
Storage temperature	-10 °C ~ 60 °C (remove the battery)
Relative humidity	10%RH～90%RH(non-condensing)
Power	9V battery
Weight	118g(without battery)
Size	160*56*41mm

Digital Anemometer
Model:HT-380/81

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Function	Range(HT-380)	Range(HT-81)	resolution	Accuracy
Ft/min	196~5900ft/min	59~5900ft/min	1ft/min	+/-(3%+40ft/min)
m/s	1.0~30.00m/s	0.3~30.00m/s	0.01m/s	+/-(3%+0.20m/s)
Km/h	3.6~108.0km/h	1.1~108.0km/h	0.1km/s	+/-(3%+0.8km/h)
Mile / hour	2.24~67.0mph	0.67~67.0mph	0.1mph	+/-(3%+0.4mph)
Nautical mile / hour	1.94~58.0knots	0.6~58.0knots	0.1knots	+/-(3%+0.4knots)

Specifications	Resolution	Accuracy
	0.1°C(0.1°F)	+/-4.0°F(2°C)
Operating temperature 0°C-50°C(32°F to 122°F)		
Size:245×55×33mm(HT-380)/195×58×35mm(HT-81)		
Weight:205g(HT-380)/150g(HT-81)		
Accessories:9V battery,manual,black bag and blister card.		

Digital Anemometer
Model:HT-91

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Air velocity	
Range	0~30m/s
Accuracy	±（3%+0.2）
Resolution	0.01m/s
air temperature	
Range	0~50°C
Accuracy	±2°C
Resolution	0.1
Air flow	
Range	0～63549 CFM
Resolution	1（<10000）；10（≥10000）
Other	
Auto power off	16 minutes
Operation temperature	0°C~50°C(32~122°F)
Storage temperature	-10~60°C(14~140°F)
Storage humidity	10~75%RH non-condensing
Power supply	standard 9V battery ×1 pcs
Size	200mm×85mm×40mm
Weight	115g(battery not included)

HT-91
DIGITAL
ANEMOMETER

Anemometer

Model:HT-383

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Measurement items	Air velocity,Air temperature
Range of air velocity	0~30m/s,0~90km/h,0~5860ft/min,
	0~55knots,0~65mph
Accuracy of air velocity	±5%
Range of air temperature	-10~45$°C$, 14~113$°F$
Accuracy of air temperature	±2$°C$
Resolution	0.2$°C$;0.2m/s
Max/Average/Current air velocity reading	
°C/°F selection and Wind chill indication	
Beauford Scale	√
Auto power off	14 minutes
Low battery indication	√
Backlight	√
Power	CR2032 3.0V
Size	115×38×20mm
weight	52g(Including battery)

CFM/CMM Anemometer

Model:HT-9819

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Air Velocity	range	resolution	Accuracy
m/s	0.40~30.00m/s	0.01m/s	±(3%+0.20m/s)
km/h	1.4~108.0km/h	0.1km/h	±(3%+0.8km/hr)
ft/min	80~5900ft/min	1ft/min	±(3%+40ft/m)
mph	0.9~67.0mph	0.1mph	±(3%+0.4MPH)
knots	0.8to58.0knots	0.1knots	±(3%+0.4knots)
Air flow	range	resolution	Area
CMM	0~9999m³/min	1	0~9.999m²
CFM	0~ft³/min	1	0~9.999ft²
Air temperature	range	resolution	Accuracy
	14~140$°F$, (-10~60$°C$)	0.1$°F/°C$	4.0$°F$(2.0$°C$)
Operating Voltage	9V		
Weight	240g		
Size	202×85×48mm		
Accessories	Batteny,manual black box and gift box.		

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Bluetooth Digital Anemometer
Model:HT-807

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Air Velocity	Range	Resolution	Accuracy
m/s	0.10~25.00m/s	0.01m/s	±(3%+0.20m/s)
km/h	0.3~90.0km/h	0.1km/h	±(3%+0.8km/hr)
ft/min	20~4921ft/min	1ft/min	±(3%+40ft/m)
mph	0.2~55.8mph	0.1mph	±(3%+0.4MPH)
knots	0.2~48.5knots	0.1knots	±(3%+0.4knots)

Specifications	Resolution	Accuracy
Range	0.1°C(0.1°F)	+/-4.0°F(2°C)
32°F-122°F(0°C-50°C)		
4 AAA batteries		
The device can with a small display, the APP of Android and IOS can monitoring data remotely (Bluetooth transmission)		
Can generate digital charts, trend graphs;		
Support to save / share data graphs .xls		
Support save / share trend graphs .jpg		
IOS8.3 / Android 4.3 above (bluetooth4.0)		

Hot Wire Anemometer
Model:HT-9829

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Air Velocity	Range	Resolution	Accuracy
m/s	0.10~25.00m/s	0.01m/s	±(3%+0.20m/s)
km/h	0.3~90.0km/h	0.1km/h	±(3%+0.8km/hr)
ft/min	20~4921ft/min	1ft/min	±(3%+40ft/m)
mph	0.2~55.8mph	0.1mph	±(3%+0.4MPH)
knots	0.2~48.5knots	0.1knots	±(3%+0.4knots)
Air flow	Range	Resolution	Area
CMM	0~9999m³/min	1	0~9.999m²
CFM	0~ft³/min	1	0~9.999ft²
Air temperature	Range	Resolution	Accuracy
	32~122°F，(0~50°C)	0.1°F/°C	4.0°F(2.0°C)
Operating Voltage	9V		
Weight	390g		
Size	198×85×45mm		
Accessories	Battery,manual black box and gift box.		

Hot Wire Anemometer
Model:HT-9830

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

Air Velocity	range	resolution	Accuracy
m/s	0.10~25.00m/s	0.01m/s	±(3%+0.20m/s)
km/h	0.3~90.0km/h	0.1km/h	±(3%+0.8km/hr)
ft/min	20~4921ft/min	1ft/min	±(3%+40ft/m)
mph	0.2~55.8mph	0.1mph	±(3%+0.4MPH)
knots	0.2~48.5knots	0.1knots	±(3%+0.4knots)
Air flow	range	resolution	Area
M3 / min	0~9999m³/min	1	0~9.999m²
CFM	0~ft³/min	1	0~9.999ft²
Air temperature	range	resolution	Accuracy
	32~122°F，(0~50°C)	0.1°F/°C	4.0°F(2.0°C)
Operating Voltage	3×1.5V AA alkaline batteries		
Weight	160g		
Size	152mm×75mm×32mm		
Accessories	Battery,manual black box and gift box.		

Bluetooth CFM/CMM Thermo-Anemometer
Model:HT-833

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

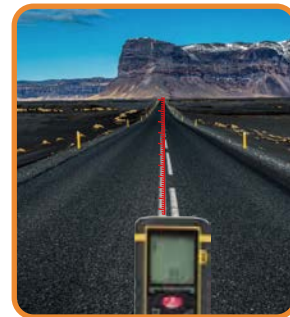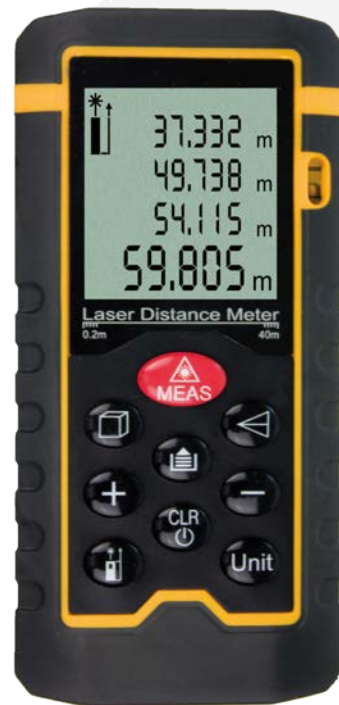| Air Velocity	Range	Resolution	Accuracy
m/s	0.10~25.00m/s	0.01m/s	±(3%+0.20m/s)
km/h	0.3~90.0km/h	0.1km/h	±(3%+0.8km/hr)
ft/min	20~4921ft/min	1ft/min	±(3%+40ft/m)
mph	0.2~55.8mph	0.1mph	±(3%+0.4MPH)
knots	0.2~48.5knots	0.1knots	±(3%+0.4knots)
Air flow	Range	Resolution	
CMM	0~9999m³/min	1	0~9.999m²
CFM	0~ft³/min	1	0~9.999ft²
Air temperature	Range	Resolution	Accuracy
	32~122°F，(0~50°C)	0.1°F/°C	4.0°F(2.0°C)
4 AAA batteries			
The device can with a small display, the APP of Android and IOS can monitoring data remotely (Bluetooth transmission)			
Can generate digital charts, trend graphs;			
Support to save / share data graphs .xls			
Support save / share trend graphs .jpg			
IOS8.3 / Android 4.3 above (bluetooth4.0)			

Laser Range Finder
Model:HT-40/60/80/100

It can be used for ultrasonic distance measuring,main apply to measure the distance of urban road planning, construction site,industrial spot,etc.

Specification

Measuring range	0.05~40m(HT-40)
	0.05~60m(HT-60)
	0.05~80m(HT-80)
	0.05~100m(HT-100)
Measuring accuracy	±2mm
Unit displayed	m/in/ft
Laser class	2class
Laser type	635nm, <1mW
Area/volume calculation	√
Addition/Subtraction	√
Minimum/Maximum measurement	√
Continuous measurement	√
Display illumination	√
multiple lines show	√
Buzzer Reminding	√
waterproof and dustproof	√
Historical storage	20
Laser spot diameter	6.5mm@10m
Operating Temperature	0°C-40°C(32°F~122°F)
Storage Temperature	-25°C-60°C(13°F~140°F)
Battery life	5,000bout
Battery	2×1.5V AAA
Laser auto off	30s
Automatic switch off	3Minute
Size	116×56×32mm
Weight	100g

Laser Range Finder
Model:HT-190/191/192

It can be used for ultrasonic distance measuring,main apply to measure the distance in urban road planning,construction site,industrial spot,etc.

Specification

Product type	HT-190	HT-191	HT-192
Measurement range	0.05～50M	0.05～70M	0.05～100M
Weight	116g (battery not included)	100g (battery not included)	

Measurement accuracy	±(3.0mm+5*10-5*D)
Measurement unit	Feet, inch and meter
Laser grade	Grade Ⅱ
Laser parameters	620-670nm，＜1mW
Continuous measurement	√
Addition/subtraction measurement:	√
Area/volume measurement	√
Measurement with Pythagorean Theorem	√
Maximum/minimum value measurement	√
Angle measurement	√
Historical measurement record	√
Setting-out function	√
Calibration function	√
Multiline display	√
Buzzing prompt	√
Operation temperature	0～40℃
Storage temperature	-20～60℃
Power supply	2 AAA. 1.5V alkaline batteries
Laser automatic off	1 minute
Automatic power off	3 minutes
Size	112.3mm×51.6mm×28.8mm

Laser Range Finder
Model:HT-180/182/186/188

It can be used for ultrasonic distance measuring,main apply to measure the distance of urban road planning, construction site,industrial spot,etc.

Specification

Range(use target plate for longer)	0.05~40m(HT-180)
Measuring accuracy up to 40/60/80/100m(in the room)	±2mm
Laser class	Class Ⅱ
Laser type	635nm, <1mW
Automatic switch off	6 minutes of inactivity
Display illumination	√
Minimum/Maximum	√
measurement/Continuous measurement	
Addition/Subtraction	√
Pythagoras measurement	√
Area/Volume calculation	√
Trapezoid measurement	√
Historical storage	√(20)
Battery life,TypeAAA,4*1.5V	Up to 20000 measurements
Size/Weight	116*52*28mm/80g
Storage/Operating Temperature	-25°C-60°C/0°C-40°C

Bluetooth Digital Manometer
Model:HT-805/805A/805B/805C

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

HT-805

Function	Range	Resolution	Function	Range	Resolution
inH2O	±2.006	0.001	Ozin2	±1.160	0.001
Psi	±0.0720	0.0001	fth2O	±0.1671	0.0001
Mbar	±5.000	0.001	cmH2O	±5.100	0.001
Kpa	±0.500	0.001	kgcm2	±0.005	0.00001
inHg	±0.1476	0.0001	Bar	±0.005	0.00001
mmHg	±3.750	0.001			

HT-805A

Function	Range	Resolution	Function	Range	Resolution
inH2O	±55.40	0.01	Ozin2	±32.00	0.01
Psi	±2.000	0.001	fth2O	±4.612	0.001
Mbar	±137.8	0.1	cmH2O	±140.6	0.1
Kpa	±13.79	0.01	kgcm2	±0.140	0.001
inHg	±4.072	0.001	Bar	±0.137	0.001
mmHg	±103.4	0.1			

HT-805B

Function	Range	Resolution	Function	Range	Resolution
inH2O	±138.2	0.01	Ozin2	±79.90	0.01
Psi	±5.000	0.001	fth2O	±11.51	0.01
Mbar	±344.7	0.1	cmH2O	±351.3	0.1
Kpa	±10.16	0.01	kgcm2	±0.345	0.0001
inHg	±258.5	0.01	Bar	±0.345	0.0001
mmHg	±79.90	0.1			

HT-805C

Function	Range	Resolution	Function	Range	Resolution
inH2O	±2770	1	Ozin2	±1600	1
Psi	±100.0	0.1	fth2O	±230.6	0.1
Mbar	±6895	1	cmH2O	±7030	1
Kpa	±689.5	0.1	kgcm2	±7.030	0.001
inHg	±20.36	0.01	Bar	±6.894	0.001
mmHg	±5171	1			

4 AAA batteries
The device can with a small display, the APP of Android and IOS can monitoring data remotely (Bluetooth transmission)
Can generate digital charts, trend graphs;
Support to save / share data graphs .xls
Support save / share trend graphs .jpg
IOS8.3 / Android 4.3 above (bluetooth4.0)
Size:170mm*55mm*33mm
Weight:165g

Bluetooth Differential pressure meter
Model:HT-836

Applications:Testing of air Conditioning andRefrigeration Systems.

Measuring range	-1 to +60 bar
Accuracy	±0.5 % of fsv
Resolution	0.01 bar
Probe connection	7 / 16 " - UNF
Overload rel. (high pressure)	+65 bar
General technical data	
Dimensions	125 x 32 x 31 mm
Operating temperature	-20 to +50 °C
Warranty	2 years
Battery type	3 AAA micro batteries
Battery life	150 h
Pressure media	CFC, HFC, HCFC, N, H2O, CO2
Storage temperature	-20 to +60 °C
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitoring	
data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

Digital Manometer
Model:HT-1890/1891

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

HT-1890

Function	Range	Resolution	Function	Range	Resolution
inH2O	±55.40	0.01	Ozin2	±32.00	0.01
Psi	±2.000	0.001	fth2O	±4.612	0.001
Mbar	±137.8	0.1	cmH2O	±140.6	0.1
Kpa	±13.79	0.01	kgcm2	±0.140	0.001
inHg	±4.072	0.001	Bar	±0.137	0.001
mmHg	±103.4	0.1			

HT-1890B

Function	Range	Resolution	Function	Range	Resolution
inH2O	±12.04	0.01	Ozin2	±6.96	0.01
Psi	±0.435	0.001	fth2O	±1.003	0.001
Mbar	±30.0	0.1	cmH2O	±30.6	0.1
Kpa	±3.000	0.001	kgcm2	±0.030	0.001
inHg	±0.886	0.001	Bar	±0.030	0.001
mmHg	±22.5	0.1			

HT-1890C

Function	Range	Resolution	Function	Range	Resolution
inH2O	±24.08	0.1	Ozin2	±13.92	0.01
Psi	±0.870	0.001	fth2O	±2.006	0.001
Mbar	±60.0	0.1	cmH2O	±60.9	0.1
Kpa	±6.000	0.001	kgcm2	±0.060	0.001
inHg	±1.771	0.001	Bar	±0.060	0.001
mmHg	±45.0	0.1			

HT-1891

Function	Range	Resolution	Function	Range	Resolution
inH2O	±138.3	0.1	Ozin2	±80	1
Psi	±5.000	0.001	fth2O	±11.53	0.01
Mbar	±344.7	0.1	cmH2O	±351.5	0.1
Kpa	±34.47	0.001	kgcm2	±0.351	0.001
inHg	±1.018	0.001	Bar	±0.344	0.001
mmHg	±258.5	0.1			

Size:170mm*55mm*34mm

Weight:180g

Accessories:9V battery,manual,2 soft hoses and 1 blister card

Digital Manometer
Model:HT-1895

Anemometer is mainly used in electric power,iron and steel,petrochemicals,energy and other industries.

Specification

HT-1892

Function	Range	Resolution	Function	Range	Resolution
inH2O	±415.2	0.1	Ozin2	±240.0	0.1
Psi	±15.00	0.01	fth2O	±34.60	0.01
Mbar	±1034	1	cmH2O	±1055	1
Kpa	±103.4	0.1	kgcm2	±1.055	0.001
inHg	±30.54	0.01	Bar	±1.034	0.001
mmHg	±775.7	0.1			

HT-1893

Function	Range	Resolution	Function	Range	Resolution
inH2O	±830	0.1	Ozin2	±480.0	0.1
Psi	±30.00	0.01	fth2O	±69.20	0.01
Mbar	±2068	1	cmH2O	±2109	1
Kpa	±206.8	0.1	kgcm2	±2.109	0.001
inHg	±61.08	0.01	Bar	±2.068	0.001
mmHg	±1551	0.1			

HT-1895

Function	Range	Resolution	Function	Range	Resolution
inH2O	±2772	0.1	Ozin2	±1600	1
Psi	±100.00	0.1	fth2O	±230.7	0.1
Mbar	±6895	1	cmH2O	±7031	1
Kpa	±689.5	0.1	kgcm2	±7.031	0.001
inHg	±203.6	0.1	Bar	±6.895	0.001
mmHg	±5171	1			

Size:170mm*55mm*34mm

Weight:180g

Accessories:9V battery,manual,2 soft hoses and 1 blister card

Digital Manometer
Model:HT-9800

Manometer is mainly used for displaying signals and the values of output pressure directly,it isusually used in labloratory.

Specification

HT-9800

Function	Range	Resolution	Function	Range	Resolution
inH2O	±55.40	0.01	Ozin2	±32.00	0.01
Psi	±2.000	0.001	fth2O	±4.612	0.001
Mbar	±137.8	0.1	cmH2O	±140.6	0.1
Kpa	±13.79	0.01	kgcm2	±0.140	0.001
inHg	±4.072	0.001	Bar	±0.137	0.001
mmHg	±103.4	0.1			

HT-9800B

Function	Range	Resolution	Function	Range	Resolution
inH2O	±12.04	0.01	Ozin2	±6.96	0.01
Psi	±0.435	0.001	fth2O	±1.003	0.001
Mbar	±30.0	0.1	cmH2O	±30.6	0.1
Kpa	±3.000	0.001	kgcm2	±0.030	0.001
inHg	±0.886	0.001	Bar	±0.030	0.001
mmHg	±22.5	0.1			

HT-9801

Function	Range	Resolution	Function	Range	Resolution
inH2O	±138.3	1	Ozin2	±80	1
Psi	±5.000	0.001	fth2O	±11.53	0.01
Mbar	±344.7	0.1	cmH2O	±351.5	0.1
Kpa	±34.47	0.01	kgcm2	±0.351	0.001
inHg	±1.018	0.001	Bar	±0.344	0.001
mmHg	±258.5	0.1			

HT-9805

Function	Range	Resolution	Function	Range	Resolution
inH2O	±2078	1	Ozin2	±1200	1
Psi	±75.00	0.001	fth2O	±173.0	0.01
Mbar	±5168	0.1	cmH2O	±5272	0.1
Kpa	±517.1	0.01	kgcm2	±5.250	0.001
inHg	±15.00	0.001	Bar	±5.138	0.001
mmHg	±3878	0.1			

Size:210mm*85mm*45mm

Weight:220g

Accessories:9V battery,manual,2 soft hoses and 1 blister card

Electronic Manifold Meters

Model:HT-750

The refrigerant meter is used to measure and control the pressure and flow when filling refrigerant. It can display accurate data and read the accurate data of operation process more quickly.

Specification

Pressure accuracy	±0.5%FS
Ambient humidity	10%RH~90%RH
Dimension	204mm×116mm×65mm　Accessories: tool box, hose (each in red, yellow and blue), Operation Instructions, 4 AA alkaline batteries,temperature clamps x2
Range	Temperature measuring range: -10-200℃/14-392℉
Ambient humidity	10 to 90 % RH
Overload pressure	6500Kpa/6.5Mpa/940psi/65bar
Pressure resolution	1Kpa、0.01bar、0.1psi、0.001Mpa（negative pressure 0.01Mpa）
Temperature resolution	0.1℃/0.1℉
Temperature accuracy	±(1℃+1digit)
Refrigerant type	83
Optional refrigerants	R11、R12、R123、R124、R125、R1270、R13、R134A、R14、R141b、R142b、R143A、R152A、R170、R21、R218、R22、R227E、R23、R236E、R245C、R245、R290、R32、R401A、R401b、R401C、R402A、R402b、R403A、R403b、R404A、R405A、R406A、R407A、R407b、407C、R407d、R407E、R408A、R409A、R409b、R41、R410A、R410b、R11A、R411b、R412A、R413A、R414A、R414b、R415A、R415b、R416A、R417A、R418A、R419A、R420A、R421A、R421b、R422A、R422b、R422C、R422d、R423A、R424A、R425A、R426A、R427A、R428A、R50、R500、R501、R502、R503、R504、R507A、R508A、R508b、R509A、R600、R600A、R717
Operating temperature	0~ 45℃
Storage temperature	-20 ～ 60 °C
Dimension	204mm×116mm×65mm
battery	4 AA batteries

Video Endoscope

Model: HT-560/660

Automobile, engine, mechanical maintenance inspection / pipeline, building structure inspection / scientific experiment / outdoor detection / home auxiliary inspection of positions difficult to be seen and beyond reach.

Specification

Model	HT-560	HT-660
Display screen	3.5-inch true color LCD	4.3-inch true color LCD
Screen resolution	320x240 pixels(QVGA)	480x272 pixels(QVGA)
Shooting resolution	640x480 pixels	1280x720 pixels
Menu language	Chinese and English	Chinese and English
Port	TF storage card slot	TF storage card slot
Camera	Coiler camera	Coiler camera
Diameter	5.5mm/8.5mm	5.5mm/8.5mm
Hose diamete	7mm	7mm
Battery's service life	3-4hours	4-6hours
Hose length	100mm(Any other lengths of hoses available)	
Viewing angle	60°	
Diagonal range	80mm-infinity	
Auxiliary lighting	6 brightness regulating LED lamps	
LED flashlight	1w CREE LED	
Working temperature	32℉ to 113℉ (0℃ to 45℃)	
Power supply	18650(2000mAh)lithium battery	

Mobile Phone Direct Steering Endoscope
Model: HT-570

Automobile, engine, mechanical maintenance inspection / pipeline, building structure inspection / scientific experiment / outdoor detection / home auxiliary inspection of positions difficult to be seen and beyond reach.

Specification

Video resolution	MP4 (1280x720)
Shooting resolution	JPG (1280x720)
Interface/Type	USB 2.0 / Type-c
Power supply	5V
Camera diameter	8.5mm
Sensor	1/9'' CMOS
Camera resolution	1280 x720
Camera light source	1 LED lamp
Mannual dimming	Support
Visual angle (FOV)	70°
Depth of field	30-80mm
Coiler length	1 meter
Coiler material	Elastic metal hose
Input voltage	DC 5V
Humidity	15~90%
Operation environment	-10 ~ 80°C
Steering angle	Two-way at 180°
Protection class	Operation in rain not allowed

Handheld (Android OTG) Inspection Endoscope
Model:HT-668

The industrial endoscope is widely used in many fields such as vehicle repair, household, machinery, chemical engineering,aviation, etc. It is suitable for inspection of place where it is hard to observe with naked eyes.

Specification

Camera Diameter	0.33in(8.5mm)
Shaft Diameter	0.27 in(6.5mm)
Image Sensor	300 thousand pixels CMOS
Video Resolution	640×480 (5.5/7.0mm) 1280×960 1280×720 (8.0mm)
Viewing Angle	60˚
Depth of Field	2.4in×3.9in(60mm~100mm)
Camera Light Source	6adjustable high-intensity LEDs
IP Code	IP65
LED Flashlight	1W CREE LED
Operating Eemperature	0˚C ~ 50˚C（32˚F to 122˚F）

WI-FI Inspection camera
Model:HT-669

The industrial endoscope is widely used in many fields such as vehicle repair, household, machinery, chemical engineering,aviation, etc. It is suitable for inspection of place where it is hard to observe with naked eyes.

Specification

Network Standard	IEEE 802.11b/g/n
Antenna	Built-in IPEX antenna
Operating Frequency	2.4GHZ
Data Rate	802.11 a/b/g/n:up to 150Mbps
Camera Diameter	0.33in(8.5mm)
Shaft Diameter	0.27 in(6.5mm)
Image Sensor	300 thousand pixels CMOS
Video Resolution	800×600 , 1280×768, 1280×720
Viewing Angle	60°
Depth of Field	2.4in×3.9in(60mm~100mm)
Camera Light Source	6 high-intensity LEDs
IP Code	IP67
LED Flashlight	1W CREE LED
Operating Eemperature	32°F to 113°F(0°C to 45°C)
Power Source	3.7V rechargeable li-ion polymer battery
Max Battery life	Full power 2~3 hours

Thickness gauge for coating and clad layer
Model:HT-128

The electro-magnetic induction principle is used to measure thickness of non magnetic coating and galvanization layer (such as paint) on magnetic conductive metal substrate (such as iron). The principle of eddy current effect is used to measure thickness of non conductive coating (such as paint) on non-magnetic conductive metal substrate (such as aluminum).

Specification

Performance	
Measurement mode	single and continui
Unit	um, mm
Range	0～1300um
Resolution	1um (0～999um); 0.01mm (≧1000um)
Accuracy	±3%+ 2um (0～1300um)
Auto power off	3 min (no key operation)
Working condition	
Power supply	two 1.5V AAA batteries
Operating temperature	0～45℃ (no condensation and no strong magnetic field)
Operation humidity	0～90%RH non-condensing
Storage temperature	-10~50°C(14~122°F)
Storage humidity	0～90%RH non-condensing
Requirements for substrate	
Substrate thickness	＞0.5mm
Curvature radius of convex surface	＞1.5mm
Curvature radius of concave surface	＞25mm
Measurement area diameter:	＞6mm
Others	
Display	LCD display with back light
Size	112mm × 51mm × 28mm
Weight	80g(battery not included)
Accessories	
One piece of standard aluminum substrate	
One piece of standard iron substrate	
Standard foil: one piece of 50um, 100um, 250um, 500um,1000um respectively.	
Two 1.5V AAA batteries	
USB data line	
Instruction for use	

Thickness gauge for coating and clad layer
Model:HT-129

The electro-magnetic induction principle is used to measure thickness of non magnetic coating and galvanization layer (such as paint) on magnetic conductive metal substrate (such as iron). The principle of eddy current effect is used to measure thickness of non conductive coating (such as paint) on non-magnetic conductive metal substrate (such as aluminum).

Specification

Performance	
Measurement mode	single and continui
Unit	um, mm
Range	0～1300um
Resolution	1um (0～999um); 0.01mm (≧1000um)
Accuracy	±3%+ 2um (0～1300um)
Auto power off	3 min (no key operation)
Working condition	
Power supply	two 1.5V AAA batteries
Operating temperature	0～45℃ (no condensation and no strong magnetic field)
Operation humidity	0～90%RH non-condensing
Storage temperature	-10~50℃(14~122℉)
Storage humidity	0～90%RH non-condensing
Requirements for substrate	
Substrate thickness	＞0.5mm
Curvature radius of convex surface	＞1.5mm
Curvature radius of concave surface	＞25mm
Measurement area diameter:	＞6mm
Others	
Display	LCD display with back light(color screen)
Size	
Weight	
Accessories	
One piece of standard aluminum substrate	
One piece of standard iron substrate	
Standard foil: one piece of 50um, 100um, 250um, 500um,1000um respectively.	
Two 1.5V AAA batteries	
USB data line	
Instruction for use	

Ultrasonic Thickness Meter
Model:HT-1200

This is a type of smart ultrasonic thickness meter and can measure thickness and sound speed of many types of materials such as metal, plastic, ceramic, glass and other good conductors of ultrasonic wave.

Specification

Display	LCD display with back light
Working frequency of the probe	2M Hz
Range	1.2～225mm (Q235steel,45steel)
Resolution	0.1mm
Accuracy	±(1%H+0.1)mm, H is the object thickness.
Lower measurement limit of pipes	Φ20×3mm
Sound speed adjustment scope	1000～9999m/s
Measuring sound speed with known thickness	0.5%H+0.2H is the thickness of the material to be tested
Power supply	3 x 1.5V AA alkaline batteries
Operating temperature	0～40℃
Relative humidity	＜90%RH
Storage temperature	-10～50℃
Working temperature	＜60℃
Working current	＜120mA
Size	152mm × 75mm × 32mm
Accessories	probe, coupling agents, instruction for use, color box

Digital hardness meter

Model:HT-1208

It is a hardness detect meter. The definition of hardness came up with Reaumur at the earliest.

Specification

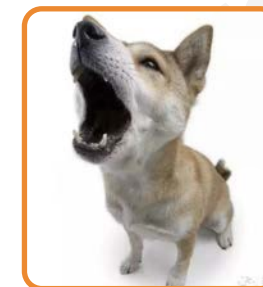|	
Display:	2.4" color display
LCD resolution:	320*240
Impact content:	D style
Measuring accuracy:	±10HLD Standard Richter scale 760 ±30HLD
	±6HLD Standard Richter scale 530 ±40HLD
Measuring range:	HLD(170-960)HLD
Measuring direction:	Vertical UP and DOWN,Horizontal,
	UNDER/UP the oblique.
Hardness Unit:	Richter scale HL,HB,HV,HS,HRB
Measuring Material:	Steel
Battery:	3*1.5V AA
Working temperature:	-20°C~60°C
Storage temperature:	-30°C~ 60°C
Humidity :	≤90%
Dimension :	152mm*75mm*32mm
Weight:	135g

Bluetooth Mini Sound Level Meter

Model:HT-808

It can measure the sound level for office space/factory/the hotel/hospital/school.

Specification

Level range	35~130dB
Accuracy	±3dB(94dB 1KHz)
Frequency range	31.5Hz~8K Hz
Frequency weighting	A
Operation temperature	0˚C~40˚C(32~104˚F）
Operation humidity	10~90%RH
Storage temperature	-10~60˚C(14~140˚F）
Storage humidity	10 to 75%RH
4 AAA batteries	
The device can with a small display, the APP of Android and IOS can monitoring data remotely (Bluetooth transmission)	
Can generate digital charts, trend graphs;	
Support to save / share data graphs .xls	
Support save / share trend graphs .jpg	
IOS8.3 / Android 4.3 above (bluetooth4.0)	

Mini Sound Level Meter
Model:HT-80A

It can measure the sound level for office space/factory/the hotel/hospital/school.

Specification

|	
Level range	40~130dB
Accuracy	±1.5dB(94dB 1KHz)
Frequency range	31.5Hz~8K Hz
Frequency weighting	A
Operating temperature	0℃~40℃(32~104℉)
Operating humidity	10~90%RH
Storage temperature	-10~60℃(14~140℉)
Storage humidity	10 to 75%RH
Operating Voltage	9V
Size	170×58×35mm
Weight	107g
Accessories	9V battery,manual black bag and blister card.

Sound Level Meter
Model:HT-90A

It can measure the sound level for office space/factory/the hotel/hospital/school.

Specification

Range	40~130dB
Accuracy	±1.5dB(94dB @1KHz；114dB @1KHz)
Resolution	0.1dB
Response time	0.5S
Frequeney range	31.5Hz~8K Hz
Display	3½ digit
Microphone	1/2 inch electret condenser microphone
Auto power off	16 minutes
Frequency weighting	A
Operation temperature	0~50℃(32~122℉)
Operation humidity	10~80%RH
Storage temperature	-10~60℃(14~140℉)
Storage humidity	10~75%RH non-condensing
Power supply	standard 9V battery ×1 pcs
Size	206.2mm×56mm×45.7mm
Weight	110g(battery not included)
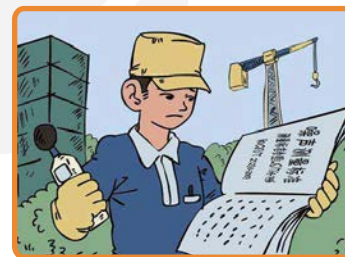
Light Meter
Model:HT-82

Applications:Office space/Factory/The hotel/Shop/Hospital/Surgery/School.

Specification

light lux meter from	0.1 Lux~200,000 Lux & 0.0FC~20,000 FC
special function	Auto power off with disable feature;
	Data hold; MAX MIN;Back light
Accuracy	±(3%+30digit /digits)
Sample rate	2.5 times / sec
Auto power off	About 15 minutes
Operating environment	0˚C~40˚C（32~104˚F）
Storage environment	-10˚C~60˚C（14~140˚F）
power Supply	9V
Size	195×55×35mm
Weight	100g

Light Meter
Model:HT-92

Applications:Office space/Factory/The hotel/Shop/Hospital/School.

Specification

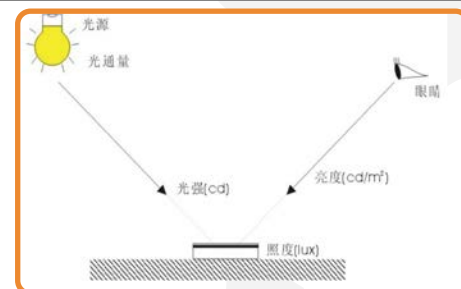|	
Sampling speed	0.5 seconds
Range	0～2000×100LUX
Degree of accuracy	（＜10000LUX), ±(4%rdg+10dtgs);
	(≥10000LUX), ±(8%rdg+10dtgs);
Sensor type	Silicon photocell
Resolution ratio	0.1(＜200); 1(200～9999)
	10(10000～99999); 100(≥100000)
Automatic power off	About 16 minutes (no key operation)
Energy provision	A 9V battery
Energy life	about 50 hours (alkaline battery);
Operation temperature	0～50˚C
Operation humidity	10%～80%RH
Storage temperature	-10～60˚C
Storage humidity	10%～75%RH
Size	16.8mm×59mm×49mm
Weight	110g (battery not included)
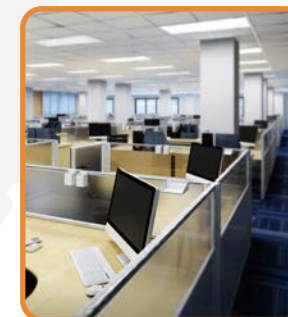
Bluetooth Light Meter
Model:HT-835

Applications:Office space/Factory/The hotel/Shop/
Hospital/Surgery/School.

Specification

light lux meter from	0.1 Lux~200,000 Lux & 0.0FC~20,000 FC
light lux meter from	0.1 Lux~200,000 Lux & 0.0FC~40,000 FC
special function	Auto power off with disable feature;
	Data hold; MAX MIN;Back light
Accuracy	±(3%+30位数/digits)
Sample rate	2.5 times / sec
Auto power off	About 15 minutes
Operating environment	0℃~40℃(32~104℉)
Storage environment	-10℃~60℃(14~140℉)
Power Supply	6V
Size	195×55×35mm
Weight	100g

4 AAA batteries

The device can with a small display, the APP of Android and IOS can monitoring
 data remotely (Bluetooth transmission)

Can generate digital charts, trend graphs;

Support to save / share data graphs .xls

Support save / share trend graphs .jpg

IOS8.3 / Android 4.3 above (bluetooth4.0)

pH meter
Model:HT-1202

The product is convenient to use and simple to operate with
high measurement precision and is suitable for environmen-
tal protection, waste water treatment, chemical laboratories,
pharmacy, fermentation, chemical engineering, tap water
and other fields.

Specification

LCD display: three and a half digit display

Measurement range: PH: 0PH～14PH mV: -415mV～415mV

Resolution ratio: 0.01PH,1mV

 PH measurement error: ±0.05PH

 mV value measurement error: ±0.1%FS

 The temperature of the measured solution: 5～60℃

Temperature compensation scope: 0～60℃

Automatic power-off time: 4 minutes

Weight of the host: 145g

Dimension of the host: 165mm×75mm×32mm

Accessory: Standard buffer reagent (one packet of PH4.00, KCL solution

package and PH9.18 respectively)/user manual/ potassium chloride

powder packet/PH non-chargeable combination electrode/3 AA batteries

Normal use condition of the instrument

1. Environment temperature: 5～40℃

2. Relative humidity: ≤85%RH(No condensation)

3. Power supply: 3 AA batteries

4. No vibration affecting performance in surrounding area.

5. No corrosive gas in the surrounding air

6. No other magnetic field interference except earth magnetic field

Digital Tachometer
Model:HT-522

Commonly used in motor,electric fan,paper making,plastic, chemical fiber,washing machines and cars field.

Specification

	Contact	1~19999
Measuremement	Non-contact	1~19999
	999999counts	999999Counts
Display	Contact	
Target distance	Non-contact	50mm~600mm
Best Accuracy	0.02%±2dgt	
Auto power off	15s	
Max / min / road / M / min M / s feet / minute feet / sec / min		
Size	236×72×35mm	
Weight	218g	

Halogen detector
Model:HT-523

It is a leakage detector where used in refrigeration,air-condition,storage,restore the container and so on

Specification

Detect R-22 ,R-134,R-404A,R-410A,R-407C,R-502,R-600A,R-123yf...more Refrigerant Gas.
Equal Sensitvity to CFCs,HCFCs and HFCs.
Air sucking System ror raster response and higher sensitivity
Microprocessor Control with advanced digital signal processing.
semiconductor gas sensor.
High Low Leak Sensitivity selector
7 LED Tri-colored Visual Leak LevelIndicator
Ambient Concentration Reset
Snake Tube Length:400mm(15.5")flexible stainless probe
Auto power off: 10 minutes
Ambient Concentration reset.
Low battery indication.
Reference Leak source included.
Hard Carrying case included.
Accordance with SAE J1627,CE designFeatures Sensitivity

Microwave Leakage Detector
Model:HT-M2

Microwave leakage detector is used for detecting microwave leakage

Specification

Calibrated	2450MHz
Range	0~9.99mW/cm^2
Warnig value	5.0mW/cm^2
Accuracy	±1dB
Power source	9V
Weight	112g

Split Type Vibrometer
Model:HT-1201

Specification

Vibration acquisition:	piezoceramic accelerometer (shearing type)
LCD display:	three and a half digit display
Measurement range	
Acceleration:	0.1 - 199.9m/s2(peak value)
Speed:	0.1 - 199.9mm/s(effective value)
Displacement:	0.001 - 1.999mm (effective value)
Measurement accuracy:	±(5%+2digits)
Frequency range:	
Acceleration:	15Hz - 1KHz (LO)；1KHz - 10KHz (HI)
Speed:	15Hz - 1KHz (LO)
Displacement:	15Hz - 1KHz (LO)
Temperature measurement	0˚C - 60˚C
Temperature accuracy:	±2˚C
Automatic power-off time:	4 minutes
Power supply:	3 AA batteries
Operation temperature:	0˚C - 45˚C
Operation humidity:	20%RH - 90%RH(No condensation)
Storage temperature:	-20˚C - 60˚C
Weight of the host:	140g
Dimension of the host:	152mm×75mm×32mm

Non-contact sensing pencil
Model: HT-894C

Main uses: checking voltage on control lines, conductors and sockets or checking the location of disconnection along wires.To a great extent Ensure the personal safety of testing personnel.

Specification

Model	HT-894C
AC voltage	12~1000V,50/60Hz
Operating temperature	0~40℃
Storage temperature	-10~50℃
Temperature	≤95%
Height above sea level	≤2000m
Security level	CAT.Ⅲ 1000V CAT.IV600V, CE
Power supply	2×1.5V AAA battery
High sensitivity range	12~1000V
Low sensitivity range	48~1000V

Multi Channel Regulated Adjustable DC Power Supply
Model:HT-611C

It is widely used in new energy, electric power, transportation, aviation, military, industry, scientific research and other fields, and also in the R & D and testing of electronic products, R & D and testing of charging equipment.

Specification

Channel	CH1	CH2	CH3
voltage	0-30V	0-30V	2.5V/3.3V/5V Fixed
Current	0-5A	0-5A	3A Max
Current effect: voltage	≤0.01%+3mV	≤0.01%+3mV	≤25mV
curren	≤0.2%+3mA	≤0.2%+3mA	
Load effect: voltage	≤0.01% +3mV（I≤3A）	≤0.01% +3mV（I≤3A）	≤25mV
current	≤0.2% +5mA（I>3A）	≤0.2% +5mA（I>3A）	
Load effect: voltage	8mVrms	8mVrms	≤2mVrms（5Hz~1MHz）
current	10mVrms	10mVrms	
Display resolution: voltage	10mV		1mV
current	1mA		1mA
Storage ambient temperature	-20℃ ~ -80℃		
Storage ambient humidity	≤80%		
Power input	AC220V±10%,50/60Hz		
Operation height above sea level	≤2000m		
Machine body diemension	330(D)×250(W)×155(H)mm		
Packaging dimension	420(D)×310(W)×220(H)mm		

Low Power Regulated Adjustable DC Power Supply
Model:HT-601C/HT-602C

It is widely used in new energy, electric power, transportation, aviation, military, industry, scientific research and other fields, and also in the R & D and testing of electronic products, in the R & D and testing of charging equipment.

Specification

Model	HT-601C	HT-602C
Voltage	0～30V	0～30V
	0～5A	0～10A
Power effect: voltage	≤0.1%+5mV	≤0.1%+5mV
Current	≤0.01%+3mA	≤0.01%+3mA
Load effect: voltage	≤0.1%+5mV	≤0.1%+5mV
Curent	≤0.01%+10mA	≤0.01%+20mA
Ripple: voltage	≤20mVrms	≤30mVrms
Current	≤10mArms	≤10mArms
Display resolution: voltage	10mV	
Current	10mA	
Storage ambient temperature	-20℃～-80℃	
Storage relative humidity	≤80%	
Power input	AC220V±10%,50/60Hz	
Operation height above sea level	≤2000m	
Machine body dimension	280(D)×130(W)×165(H)mm	
Packaging dimension	355(D)×178(W)×210(H)mm	

Note: When using this specification, please make sure to boot for more than 10 minutes.

Multimeter
Model:HT-891C

This product is used to measure DC voltage, AC voltage sine wave true RMS, DC current, AC current sine wave true RMS, resistance, capacitance, frequency, duty cycle, diode, on-off test, unit symbol display, data retention, automatic power-off and other functions.

Specification

DC voltage	600mV~1000V
AC voltage	600mV ~750V
Resistance	600Ω~6MΩ
Temperature measurement	-20℃~1000℃　　-4℉~1832℉
Duty cycle	Yes
Frequency	9.999Hz ~9.999MHZ
AC current	6mA~20A
DC current	60uA ~20A
Capacitance	9.999nF~99.99mF
NCV non-contact voltage detection	Support
Diode	Support
Triode	Support
On-off beep	Support
Low voltage display	Support
Data retention	Support
Auto power off	Support
Filtration protection	Support
Self recovery fuse	Support
Anti-shock protection	Support
Diode	Manual range
Backlighting function	Support
Flashlight function	Support
Maximum display value	5999
Power supply	9V battery
Weight	About 380g (including battey)
Product dimension (LxWxH)	190（L)×90(W)×50(H)mm

Smart AC Clamp Meter
Model:HT-882C

The instrument has stable performance and reliable quality. The 35/6 digital smart clamp type meter adopts LCD display, with clear reading, intuitive display and convenient operation. It can be used to measure DC voltage, AC voltage, AC current (clamp head detection), resistance, capacitance, temperature, frequency, diode and on-off test.

Specification

DC voltage	6V~600V
AC voltage	6V~600V
Resistance	6KΩ~10MΩ
Temperature measurement	-20℃~1000℃ -4℉~1832℉
Duty cycle	Support
Frequency	99.99Hz~9.999MHZ
AC current	6A~600A
Capacitance	9.999nF~99.99mF
NCV non-contact voltage detection	Support
Diode	Yes
On-off beep	Support
Low voltage display	Support
Data retention	Support
Auto power off	Support
Function protection	Support
Diode	Automatic range
Backlighting function	Support
Flashlight function	Support
Maximum display value	<75%
Power supply	AAA 1.5V*2battery
Product weight	About 197g (including batteries)
Product dimension	184.0×66.0×32.5mm

Digital Clamp Multimeter
Model:HT-881C

This product is used to measure DC voltage, AC voltage sine wave true RMS, DC current, AC current sine wave true RMS, resistance, capacitance, frequency, duty cycle, diode, on-off test, unit symbol display, data retention, automatic power-off and other functions.

Specification

DC voltage	2V~600V
AC voltage	2V~600V
Resistance	200Ω~20MΩ
AC resistance	2A~600A
Capacitance	9.999nF~99.99mF
NCV non-contact voltage detection	Support
Diode	Support
On-off beep	Support
Low voltage display	Support
Data retention	Support
Auto power off	Support
Function protection	Support
Operating mode	Automatic + Manual range
Working temperature	18°C~28°C
Storage temperature	-10°C~50°C
Backlighting function	Support
Flashlight function	Support
Maximum display value	1999
Power supply	AAA 1.5V*2battery