# T50|T70

## **Thermal Imaging Camera**

T50|T70 is the latest expert-level thermal imaging camera of ULIRVISION. Product adopts 384×288|640×480 high-pixel aSi microthermal detector, manual & auto integrated lens, 180° rotation, laser assisted focusing, excellent imaging quality, and meets the strict requirements of industrial market for high-end thermal camera.

#### **Features**

384×288|640×480 Uncooled detector

Continuous auto focusing | laser assisted focusing

Automatic lens recognition, 180 ° rotation

Infrared | Visible Light | PIP | DSX, multiple image modes

Multiple measure modes: high and low temp auto tracking, line temp measure, isothermal analysis, area temp measure

5" Touch screen, HD viewfinder, clearly visible in the sun

GPS, compass azimuth information is saved with the image

#### **Applications**

**Building Diagnostics** 

Electrical/Mechanical Inspection

Research & Development

**Automation Applications** 

Preventative & Predictive Maintenance



### **Technical Specifications**

Item	T50	Т70
Detector Data		
Туре	Uncooled FPA	
IR resolution	384×288 640×480	
Pixel pitch	17μm	
Spectral range	7.5 ~ 14μm	
NETD/Sensitivity	50mK 25mK	
Lens Data		
FOV	24°×18°	
Minimum imaging	0.2	
distance	0.3m	
IFOV	1.13mrad	0.68mrad
Focus	Manual/Motor/Continuous au	tofocus/Laser assisted focusing
Lens recognition	Automatic	
Lens(optional)	48°×36°, 12°×9°	
lens rotation	180° rotation	
Image Performance		
Display	HD 5" touch AMOLED, 1280×720	
Viewfinder	0.5" color OLED display, supporting manual zoom, 1920×1080	
Visual camera	13 megapixel CMOS, autofocus, LED fill light	
Frequency	50Hz/60Hz	
Amplification	1X ~ 35X continuous	
Palette	12 palettes (including iron red, rainbow, black hot and white hot, etc.)	
Brightness	Auto/Manual	
Measurement		
Temperature range	-20 $^{\circ}$ C $^{\circ}$ +600 $^{\circ}$ C(can be extended to 1700 $^{\circ}$ C)	
Measurement accuracy	$5^{\circ}$ C $^{\sim}$ $150^{\circ}$ C, accuracy is $\pm 1^{\circ}$ C or $\pm 1\%$ of reading; for other temperature ranges the accuracy is $\pm 2^{\circ}$ C or $\pm 2\%$ of reading, take the larger value	
Measurement mode	Real-time 20 movable spots, 10 movable rectangular areas and 10 circular areas (max./min. temp capture, avg. temp measure), 10 movable line temp measure, isothermal analysis, temp difference measure, temp alarm (sound, color)	
Measurement correction	Auto/Manual	
Emissivity correction	Adjustable from 0.01 to 1.0 or selected from list of materials	
Background	·	
temperature correction	Auto (according to the input background temp)	
Atmospheric transmissivity correction	Auto (according to the input distance, relative humidity, ambient temp)	
Setting function	Date/time, temp unit °C/°F /K, language	
Alarm		
Sound and light alarm	Υ	es
Image storage	<u>'</u>	
Memory card	64	4G

### **ULIRVISION**

Single frame infrared image format         JPEG, with 14-Bit measured data image image format           Text annotation         Support 30 preset text annotations(editable)           Voice annotation         60s voice record, stored with per image via built-in microphone           Laser Indicator         Laser Ranging           Laser Ranging         Measuring distance: 0:2m-50m           Interface         Yes           Power interface         Yes           50 card slot         Yes           Video output         HDMI           Audio output         Yes           USB         USB TypeC: Data transmission, radiometric video streaming           WIFI         Yes           Bluetooth         Yes           GPS         Yes           Tripod         1/4" -20           Power System         Yes           Battery operating time         4h continuous (room temperature)           Battery operating time         4h continuous (room temperature)           External power         DC: SV           Charging type         Two-seater charger or in camera           Power saving         Yes           Environment Parameters         Operating temperature range           Storage temperature range         -20°C ~+50°C           Flo			
image format         JPEG or stored with single frame image           Text annotation         Support 30 preset text annotations(editable)           Voice annotation         60s voice record, stored with per image via built-in microphone           Laser type         Class 2, 1mW, 650nm red           Laser type         Yes           Understand         Yes           Power interface         Yes           SD card slot         Yes           Video output         HDMI           Audio output         Yes           USB         USB TypeC: Data transmission, radiometric video streaming           WIFI         Yes           Buetooth         Yes           GPS         Yes           Compass         Yes           Tripod         1/4"-20           Power System         Yes           Battery type         Lithium battery (rechargeable)           Battery type         Lithium battery (rechargeable)           Battery aperating time         4h continuous (room temperature)           External power         DC: 5V           Charging type         Two-seater charger or in camera           Power saving         Yes           Environment Parameters         Operating temperature range	_	JPEG, with 14-Bit measured data image	
Text annotation Support 30 preset text annotations (editable)  Voice annotation 60s voice record, stored with per image via built-in microphone Laser Indicator Laser Rype Class 2, 1mW, 650nm red Laser Ranging Measuring distance: 0,2m-50m Interface Power interface Yes Video output HDMI Audio output Yes USB USB TypeC: Data transmission, radiometric video streaming WIFI Yes Bluetooth Yes GPS Yes Compass Yes Compass Yes Tripod 1/4"-20 Power System Battery type Lithium battery (rechargeable) Battery operating time External power DC: 5V Charging type Two-searer or in camera Power saving Yes Environment Parameters Operating temperature range Environment Parameters Operating temperature range Storage temperature range Storage temperature Rybration Science Ado Company System Protection level Physical data  Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual  Quality assurance	-	JPEG or stored with single frame image	
Voice annotation         60s voice record, stored with per image via built-in microphone           Laser type         Class 2, 1mW, 650nm red           Laser Ranging         Measuring distance: 0.2m-50m           Interface         Yes           Power interface         Yes           SD card slot         Yes           Video output         HDMI           Audio output         Yes           USB         USB TypeC: Data transmission, radiometric video streaming           WIFI         Yes           GPS         Yes           Gers         Yes           Compass         Yes           Tripod         1/4" -20           Power System         Patterny frechargeable           Battery type         Lithium battery (rechargeable)           Battery operating time         4h continuous (room temperature)           External power         DC: 5V           Charging type         Two-seater charger or in camera           Power saving         Yes           Environment Parameters         Yes           Operating temperature range         -20°C ~ +50°C           Floring         40°C ~ +70°C           Protection level         1P54(IEC60068-2-6)           Shock         25G(IEC60068-2-6) <td></td> <td colspan="2">Support 30 preset text annotations(editable)</td>		Support 30 preset text annotations(editable)	
Laser Indicator Laser type Class 2, 1mW, 650nm red Laser Ranging Measuring distance: 0.2m-50m Interface Power interface Yes SD card slot Yes Video output HDMI Audio output Yes USB USB TypeC: Data transmission, radiometric video streaming WiFi Yes Bluetooth Yes GPS Yes Compass Yes Tripod 1/4" -20 Power System Battery type Lithium battery (rechargeable) Battery type Lithium battery (rechargeable) Battery operating time Ah continuous (room temperature) External power Charging type Two-seater charger or in camera Power saving Yes Environment Parameters Operating temperature range Storage temperature range Storage temperature range Fixed Science Scien	Voice annotation		
Interface   Yes	Laser Indicator		
Interface	Laser type	Class 2, 1mW, 650nm red	
Interface         Yes           Power interface         Yes           SD card slot         Yes           Video output         HDMI           Audio output         Yes           USB         USB TypeC: Data transmission, radiometric video streaming           WIFI         Yes           Bluetooth         Yes           GPS         Yes           Compass         Yes           Tripod         1/4" 20           Power System         Lithium battery (rechargeable)           Battery type         Lithium battery (rechargeable)           Battery operating time         4h continuous (room temperature)           External power         DC: 5V           Charging type         Two-seater charger or in camera           Power saving         Yes           Environment Parameters         Operating temperature range           Environment Parameters         -20°C ~+50°C           Operating temperature range         -40°C ~+70°C           Humidity         \$95%(non-condensing)           Vibration         2G(IEC60068-2-26)           Shock         25G(IEC60068-2-29)           Protection level         IP54(IEC60529)           Physical data         \$1.4kg(with battery and standard lens) <td></td> <td colspan="2"></td>			
SD card slot     Yes       Video output     HDMI       Audic output     Yes       USB     USB TypeC: Data transmission, radiometric video streaming       WIFI     Yes       Bluetooth     Yes       GPS     Yes       Compass     Yes       Tripod     1/4" -20       Power System     Battery type       Battery type     Lithium battery (rechargeable)       Battery operating time     4h continuous (room temperature)       External power     DC: SV       Charging type     Two-seater charger or in camera       Power saving     Yes       Environment Parameters     -20°C ~ +50°C       Operating temperature range     -40°C ~ +70°C       Humidity     \$95%(non-condensing)       Vibration     2G(IEC60068-2-6)       Shock     25G(IEC60068-2-29)       Protection level     IP54(IEC60529)       Physical data       Size     183mm×160mm×88mm       Weight     \$1.4kg(with battery and standard lens)       Packing     Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual       Quality assurance			
Video output     HDMI       Audio output     Yes       USB     USB TypeC: Data transmission, radiometric video streaming       WIFI     Yes       Bluetooth     Yes       GPS     Yes       Compass     Yes       Tripod     1/4" -20       Power System     Lithium battery (rechargeable)       Battery type     Lithium battery (rechargeable)       Battery operating time     4h continuous (room temperature)       External power     DC: SV       Charging type     Two-seater charger or in camera       Power saving     Yes       Environment Parameters     -20°C ~ +50°C       Operating temperature range     -40°C ~ +70°C       Storage temperature range     -40°C ~ +70°C       Humidity     ≤95%(non-condensing)       Vibration     2G(IECG0068-2-6)       Shock     25G(IECG0068-2-29)       Protection level     IPS4(IECG0529)       Physical data     \$183mm×160mm×88mm       Size     183mm×160mm×88mm       Weight     ≤1.4kg(with battery and standard lens)       Packing     Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual	Power interface	Yes	
Audio output     Yes       USB     USB TypeC: Data transmission, radiometric video streaming       WIFI     Yes       Bluetooth     Yes       GPS     Yes       Compass     Yes       Tripod     1/4" -20       Power System     Lithium battery (rechargeable)       Battery type     Lithium battery (rechargeable)       Battery operating time     4h continuous (room temperature)       External power     DC: 5V       Charging type     Two-seater charger or in camera       Power saving     Yes       Environment Parameters     Poerating temperature range       Storage temperature range     -40°C ~ +50°C       Humidity     ≤95%(non-condensing)       Vibration     2G(ECG0068-2-6)       Shock     25G(ECG0068-2-29)       Protection level     IP54(ECG0529)       Physical data     IP54(ECG0529)       Size     183mm×160mm×88mm       Weight     ≤1.4kg(with battery and standard lens)       Packing     Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual       Quality assurance	SD card slot	Yes	
USB         USB TypeC: Data transmission, radiometric video streaming           WIFI         Yes           Bluetooth         Yes           GPS         Yes           Compass         Yes           Tripod         1/4" -20           Power System         Battery operating time           Battery operating time         4h continuous (room temperature)           External power         DC: 5V           Charging type         Two-seater charger or in camera           Power saving         Yes           Environment Parameters         20°C ~ +50°C           Storage temperature range         -20°C ~ +50°C           Humidity         ≤95%(non-condensing)           Vibration         2G(IEC60068-2-6)           Shock         25G(IEC60068-2-29)           Protection level         IP54(IEC60529)           Physical data         \$1.4kg(with battery and standard lens)           Size         183mm×160mm×88mm           Weight         ≤1.4kg(with battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual           Quality assurance         Thermal imaging camera, 2 lithium batteries, battery charger, adapter, user, and poor the more stanced and poor themperature protection level protection level protection level protection level p	Video output		
USB         USB TypeC: Data transmission, radiometric video streaming           WIFI         Yes           Bluetooth         Yes           GPS         Yes           Compass         Yes           Tripod         1/4" - 20           Power System         Battery operating time           Battery operating time         4h continuous (room temperature)           External power         DC: 5V           Charging type         Two-seater charger or in camera           Power saving         Yes           Environment Parameters         20°C ~ +50°C           Operating temperature range         -40°C ~ +70°C           Humidity         ≤95%(non-condensing)           Vibration         2G(IEC60068-2-6)           Shock         25G(IEC60068-2-29)           Protection level         IP54(IEC60529)           Physical data         \$1.4kg(with battery and standard lens)           Size         183mm×160mm×88mm           Weight         ≤1.4kg(with battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual           Quality assurance	Audio output	Yes	
Bluetooth         Yes           GPS         Yes           Compass         Yes           Tripod         1/4" -20           Power System         Lithium battery (rechargeable)           Battery type         Lithium battery (rechargeable)           Battery operating time         4h continuous (room temperature)           External power         DC: 5V           Charging type         Two-seater charger or in camera           Power saving         Yes           Environment Parameters         Poerating temperature range           range         -20°C ~ +50°C           Storage temperature range         -40°C ~ +70°C           Humidity         \$95%(non-condensing)           Vibration         2G(IEC60068-2-6)           Shock         25G(IEC60068-2-29)           Protection level         IP54(IEC60529)           Physical data         \$1.4kg(with battery and standard lens)           Size         183mm×160mm×8mm           Weight         \$1.4kg(with battery and standard lens)           Packing         SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual	USB		
GPS       Yes         Compass       Yes         Tripod       1/4" -20         Power System       Ithium battery (rechargeable)         Battery type       Lithium battery (rechargeable)         Battery operating time       4h continuous (room temperature)         External power       DC: 5V         Charging type       Two-seater charger or in camera         Power saving       Yes         Environment Parameters       -20°C ~ +50°C         Operating temperature range       -40°C ~ +70°C         range       40°C ~ +70°C         Humidity       ≤95%(non-condensing)         Vibration       2G(IEC60068-2-6)         Shock       25G(IEC60068-2-29)         Protection level       IP54(IEC60529)         Physical data       \$1.4kg(with battery and standard lens)         Size       183mm×160mm×8mm         Weight       ≤1.4kg(with battery and standard lens)         Packing       SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual         Quality assurance       Dear Tomation of the protection	WIFI		
CompassYesTripod1/4" -20Power SystemBattery typeLithium battery (rechargeable)Battery operating time4h continuous (room temperature)External powerDC: 5VCharging typeTwo-seater charger or in cameraPower savingYesEnvironment Parameters-20°C ~ +50°COperating temperature range-20°C ~ +70°CStorage temperature range-40°C ~ +70°CHumidity\$95%(non-condensing)Vibration2G(IEC60068-2-6)Shock25G(IEC60068-2-9)Protection levelP54(IEC60529)Physical data\$1.4kg(with battery and standard lens)Size183mm×160mm×88mmWeight\$1.4kg(with battery and standard lens)PackingThermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manualQuality assurance	Bluetooth	Yes	
Tripod1/4" - 20Power SystemLithium battery (rechargeable)Battery typeLithium battery (rechargeable)Battery operating time4h continuous (room temperature)External powerDC: 5VCharging typeTwo-seater charger or in cameraPower savingYesEnvironment ParametersOperating temperature range-20°C ~ +50°CStorage temperature range-40°C ~ +70°CHumidity\$95%(non-condensing)Vibration2G(IEC60068-2-6)Shock25G(IEC60068-2-29)Protection levelIP54(IEC60529)Physical dataSize183mm×160mm×88mmWeight\$1.4kg(with battery and standard lens)PackingThermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manualQuality assurance	GPS		
Tripod1/4" - 20Power SystemLithium battery (rechargeable)Battery typeLithium battery (rechargeable)Battery operating time4h continuous (room temperature)External powerDC: 5VCharging typeTwo-seater charger or in cameraPower savingYesEnvironment ParametersOperating temperature range-20°C ~ +50°CStorage temperature range-40°C ~ +70°CHumidity\$95%(non-condensing)Vibration2G(IEC60068-2-6)Shock25G(IEC60068-2-29)Protection levelIP54(IEC60529)Physical dataSize183mm×160mm×88mmWeight\$1.4kg(with battery and standard lens)PackingThermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manualQuality assurance	Compass		
Power System         Battery type       Lithium battery (rechargeable)         Battery operating time       4h continuous (room temperature)         External power       DC: 5V         Charging type       Two-seater charger or in camera         Power saving       Yes         Environment Parameters       Operating temperature range         Storage temperature range       -20°C ~ +50°C         Humidity       ≤95%(non-condensing)         Vibration       2G(IEC60068-2-6)         Shock       25G(IEC60068-2-29)         Protection level       IP54(IEC60529)         Physical data         Size       183mm×160mm×88mm         Weight       ≤1.4kg(with battery and standard lens)         Packing       Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual         Quality assurance	-		
Battery type Lithium battery (rechargeable) Battery operating time 4h continuous (room temperature) External power DC: 5V  Charging type Two-seater charger or in camera  Power saving Yes  Environment Parameters  Operating temperature range  Storage temperature range  Humidity \$95%(non-condensing)  Vibration \$26(IEC60068-2-6)  Shock \$25G(IEC60068-2-29)  Protection level IP54(IEC60529)  Physical data  Size \$183mm×160mm×88mm  Weight \$1.4kg(with battery and standard lens)  Packing  Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual	•	·	
Battery operating time 4h continuous (room temperature)  External power DC: 5V  Charging type Two-seater charger or in camera  Power saving Yes  Environment Parameters  Operating temperature range -20°C ~ +50°C  Storage temperature range -40°C ~ +70°C  Humidity \$95%(non-condensing)  Vibration 2G(IEC60068-2-6)  Shock 25G(IEC60068-2-29)  Protection level IP54(IEC60529)  Physical data  Size 183mm×160mm×88mm  Weight \$1.4kg(with battery and standard lens)  Packing  Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual  Quality assurance	·	Lithium battery (rechargeable)	
External power  Charging type  Two-seater charger or in camera  Power saving  Environment Parameters  Operating temperature range  Storage temperature range  Humidity  Vibration  Shock  25G(IEC60068-2-6)  Shock  25G(IEC60068-2-29)  Protection level  Physical data  Size  183mm×160mm×88mm  Weight  Standard  Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual  Quality assurance			
Charging type       Two-seater charger or in camera         Power saving       Yes         Environment Parameters       Power saving         Operating temperature range       -20°C ~ +50°C         Storage temperature range       -40°C ~ +70°C         Humidity       ≤95%(non-condensing)         Vibration       2G(IEC60068-2-6)         Shock       25G(IEC60068-2-29)         Protection level       IP54(IEC60529)         Physical data         Size       183mm×160mm×88mm         Weight       ≤1.4kg(with battery and standard lens)         Packing       Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual         Quality assurance			
Yes         Environment Parameters         Operating temperature range       -20°C ~ +50°C         Storage temperature range       -40°C ~ +70°C         Humidity       ≤95%(non-condensing)         Vibration       2G(IEC60068-2-6)         Shock       25G(IEC60068-2-29)         Protection level       IP54(IEC60529)         Physical data         Size       183mm×160mm×88mm         Weight       ≤1.4kg(with battery and standard lens)         Packing       Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual         Quality assurance			
Operating temperature range  Storage temperature range  Humidity  Vibration  Stock  Protection level  Fixe  183mm×160mm×88mm  Weight  Service  Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual  Quality assurance			
Storage temperature range  Humidity			
Storage temperature range  Humidity  S95%(non-condensing)  Vibration  2G(IEC60068-2-6)  Shock  25G(IEC60068-2-29)  Protection level  IP54(IEC60529)  Physical data  Size  183mm×160mm×88mm  Weight  S1.4kg(with battery and standard lens)  Packing  Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual  Quality assurance		-20℃ ~ +50℃	
Humidity ≤95%(non-condensing)  Vibration 2G(IEC60068-2-6)  Shock 25G(IEC60068-2-29)  Protection level IP54(IEC60529)  Physical data  Size 183mm×160mm×88mm  Weight ≤1.4kg(with battery and standard lens)  Packing  Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual  Quality assurance	•	-40°C ~ +70°C	
Shock 25G(IEC60068-2-29)  Protection level IP54(IEC60529)  Physical data  Size 183mm×160mm×88mm  Weight ≤1.4kg(with battery and standard lens)  Packing  Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual  Quality assurance	Humidity	≤95%(non-condensing)	
Protection level IP54(IEC60529)  Physical data  Size 183mm×160mm×88mm  Weight ≤1.4kg(with battery and standard lens)  Packing  Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual  Quality assurance	Vibration		
Protection level IP54(IEC60529)  Physical data  Size 183mm×160mm×88mm  Weight ≤1.4kg(with battery and standard lens)  Packing  Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual  Quality assurance	Shock		
Size 183mm×160mm×88mm  Weight ≤1.4kg(with battery and standard lens)  Packing  Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, Standard SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual  Quality assurance	Protection level		
Size 183mm×160mm×88mm  Weight ≤1.4kg(with battery and standard lens)  Packing  Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, Standard SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual  Quality assurance	Physical data	•	
Packing  Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, Standard SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual  Quality assurance	Size	183mm×160mm×88mm	
Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, Standard SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual  Quality assurance	Weight	≤1.4kg(with battery and standard lens)	
Thermal imaging camera, 2 lithium batteries, battery charger, adapter, USB cable, Standard SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration book, carrying case, user manual  Quality assurance			
Quality assurance		SD card, hdmi cable, SD card reader, USB flash drive, warranty card, calibration	
	Quality assurance	, , 3	
	CE	Yes	

## **ULIRVISION**