

PF Series Pocket-sized Thermal Camera

## Introduction

The PF Series pocket-sized thermal camera is a non-contact inspection tool for diagnosing problems and finding hidden deficiencies of electrical equipment, thanks to its 256×192 pixel infrared detector, -20°C to 550°C temperature range, 5 MP visible light camera and 3.5-inch LCD touchscreen. The extraordinary thermal imaging detail, easy operation and built-in Wi-Fi allow users to quickly and easily share the professional reports that document the problem.

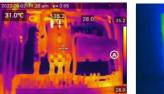
Guide

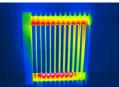
PF210 FC ( E

## **Features**

- The 256x192 infrared detector produces crisp imagery
- The IR, VIS, PIP and MIF reveal temperature details
- -20°C to 550°C temperature range with auto-switching capability
- Laser ranging and intelligent area calculation of rectangle objects
- Fast image lookback and search for desired functions
- 4 hours of operation and standard Type-C for fast charging

## **Applications**





Guide sensmart

**Electrical Application** 

**HVAC Inspection** 

## **Specifications**

Imaging and opticsDetector typeVOx, 7.5 to 14µmInfrard resolution256-112/212µmNETD45mKFrame rate2514/19/412Frame rate2514/19/412Frame rate2514/19/412Focal length3.2mmField of view56×48°IFOV3.7mmadIFOV3.7mmadMn. Object distance0.3mDigital zoom266-1Focusing mode700×1670Mesourcent accuracy2.2°C to 150°C, 100°C to 550°CMesourcent accuracy2.2°C to 12%, whichever is greaterAnalyzed targetSupport auto-swhiching-20°C to 150°C, 100°C to 550°CMesourcent accuracy2.2°C to 12%, whichever is greaterAnalyzed targetSupport auto-swhiching-20°C to 150°C, 100°C to 550°CAnalyzed targetSupport auto-swhiching-20°C to 150°C, 100°C to 550°CMesourcent accuracySupport auto-swhiching-20°C to 150°C, 100°C to 550°CMesourcent accuracySupport auto-swhiching-20°C to 150°C, 100°C to 550°CMesourcent accuracySupport auto-swhiching-20°C to 150°CMesourcent accuracySupport auto-swhiching-20°C to 150°CMesourcent accuracySupport auto-swhiching-20°C to 150°COthersCoracy auto-swhiching-20°C to 150°CUnder accuracySupport auto-swhiching-20°C to 150°CUndera	Product model	PF210
Detestor type(VQ, 7, 5 in 14µmInfrance resolution256-1928(21µmNETD456/1428(21µmFrance rate258/1291/2Focal length3.2mmField of view3.2mmField of view0.3mDiff of view0.3mMeasurement rance0.3mMeasurement rance0.3mMeasurement rance0.3mAnalyzet largetStorter (Include Centre stort), for (10 f50°C, 100°C to 550°CMeasurement rance0.3mMeasurement rance0.3mDiff of view9.20°C to 150°C, 100°C to 550°CMeasurement rance0.3mDiff of view9.20°C to 150°C, 100°C to 550°CMeasurement rance9.50°C Contract, whichere is greaterAnalyzet largetStorter, Storter et storterDiff of view9.20°C to 150°C, 100°C to 550°CMeasurement rance5.5° LCDImage adjistort1.11 ko Rea, Hot Ron, Rainbow, ArcticImage adjistort1.80°C Mille Hot, Black Hot, Ion Rea, Hot Ion, Rainbow, ArcticImage adjistortClastor de Autoratic, Startic, ManualDiplat carear5.40°COtor Store1		PF210
Infrared resolution         265-192912µm           NETD         45mK           Frane rate         254/29/14/           Frane rate         254/29/14/           Froal elength         3.2mm           Field of view         55'-48'           Field of view         3.2mm           Field of view         2.6c1           Field of view         2.6c1           Field or view         2.6c1           Measurement atom and analysis         Measurement atom and analysis           Measurement atom and analysis         Support auto-switchiner- 20'' Co 150''C, 100'' Co 550''C           Measurement atom and analysis         Field service           Measurement atom and analysis         Support auto-switchiner- 20'' Co 150''C, 100'' Co 50''C           Measurement atom and analysis         Field service           Measurement atom atom and analysis         Field service           Measurement atom atom atom atom atom atom atom ato		
NETD     45mk       Frame rate     23Hz/9Hz       Frame rate     23Hz/9Hz       Focal length     3.2mm       Field of view     55**.48*       FGV     0.3m       DS     265.1       Focusing mode     40.3m       DS     2265.1       Focusing mode     1.1x to 8x       Measurement range     Support auto-switching: -20*C to 150*C, 100*C to 550*C       Measurement range     Support auto-switching: -20*C to 150*C, 100*C to 550*C       Measurement range     -20*C to 150*C, 100*C to 550*C       Measurement range     Support auto-switching: -20*C to 150*C, 100*C to 550*C       Measurement range     -20*C to 150*C, 100*C to 550*C       Measurement range     Support auto-switching: -20*C to 150*C, 100*C to 550*C       Measurement range     -20*C to 150*C, 100*C to 550*C       Measurement range     Support auto-switching: -20*C to 150*C, 100*C to 550*C       Measurement range     Support auto-switching: -20*C to 150*C, 100*C to 550*C       Measurement range     Support auto-switching: -20*C to 150*C, 100*C to 550*C       Measurement range     Support auto-switching: -20*C to 150*C, 100*C to 550*C       Measurement range     Support auto-switching: -20*C to 150*C, 100*C to 550*C       Image display     Intelligently calculate the area       Image display     Intelligently calculate the area <td></td> <td></td>		
Prime rate         25Hz/9Hz           Focal length         3.2mm           Field of view         655*48*           FIEOV         8.75mral           Min. object distance         0.3m           DS         206-1           Focusing mode         7000000000000000000000000000000000000		
Focal length         3.2mm           Field of view         56*.48*           FIOV         3.7mraid           Min. object distance         0.3m           D:S         266:11           Focusing mode         Focus-free           Digital zoom         1.1x to 8x           Measurement and analysis         Measurement and analysis           Measurement and analysis         Support zuto-switching: 20° C to 150° C, 100° C to 550° C           Measurement accuracy         .2° C or .2%, whichwere is greater           Analyzed target         Support 2/ (Include Center sport), Arear 3           Alarm         Full screen temperature threshold alarm (image and flash)           Parameter settings         Ensistivity, reflected temperature, target distance           Others         Intelligenty calculate the area           Image digipsi         User (Indication, Randow, Arctic           Display screen         3.5° LCD           Image digitsh         Ever span distance           Others         Support auto-switching: somi automatic, Manual           Digital camera         Support auto-switching: somi automatic, Manual           Digital camera         Support auto-switching: somi automatic, Manual           Digital camera         Customized Mustance           Storage media <td< td=""><td>NETD</td><td></td></td<>	NETD	
Field of view     56°×48°       IFOV     3.75mrad       IFOV     3.75mrad       IFOV     3.75mrad       IfOV     3.75mrad       IfON     266:1       Focusing mode     Focus-free       Digital zoom     1.15 to 8x       Measurement and analysis     Measurement accuracy       Measurement accuracy     -2°C or +2%, whicherer is greater       Analyzed target     Sport-2 (Include Center spot, Area-3       Alarm     Full screen temperature threshold alarm (image and flash)       Parameter settings     Emissivity, reflected temperature, target distance       Others     Intelligently calculate the area       Image mode     3.5° LCD       Image mode     5.5° White Hot Black Hot, Ions, Ranbow, Arctic       Image adjustment     Level span mode: Automatic, Semi-automatic, Manual       Digital comera     SMP       Eusterin     Subscreent       Cloud Services     Customized physical button-2       Storage media     Built-In (16 6B)       Image storage     JUFA with temp info       Cloud Services     Subscreent       Cloud Services     Customized to the mobile terminal for image transmission       Power system     90% of Ill charge in 2.5 hours tend to the span of th	Frame rate	
IFOV     3.75mrad       Mn. object distance     0.3m       D:S     2.66:1       Focusing mode     Focusing mode       Instrument range     Support auto-switching: -20°C to 150°C, 100°C to 550°C       Measurement range     Support auto-switching: -20°C to 150°C, 100°C to 550°C       Measurement range     Support auto-switching: -20°C to 150°C, 100°C to 550°C       Measurement accuracy     +2°C or +2%, whichever is greater       Anarn     Full screen temperature threshold atms (image and flash)       Parameter settings     Emissivity, reflected temperature, target distance       Others     Intelligently calculate the area       Image display     Intelligently calculate the area       Display screen     3.5° LCD       Inage mode     R, VIS, MIF and PIP       Color pattetes     6°. White Hot, Black Hot, Iron Rei, Hot Iron, Rainbow, Arctic       Image display     Inage adjustment       Level span mode:     Level span mode: Atomatic, Semi-automatic, Manual       Digital camera     SMP       Color pattetes     Customized physical button ×2       Storage modia     Built-in (16 GB)       Image storage     JPG with temp info       Castorage modia     SUB-C, ripod socket       WiF     Yes, it can be comedeted to the mobile terminal for image transmission       Pewer system     Bacharges, E/, porta	Focal length	3.2mm
Min. object distance     0.3m       DS     266.1       Digital 200m     266.1       Digital 200m     1.1x to 8x       Measurement range     Support auto-switching:-20°C to 150°C, 100°C to 550°C       Measurement arcuracy     ±2°C or ±2%, whichever is greater       Analyzed target     Spot *2 (include Center spot), Area ×3       Alarm     Generation of the spot *2 (include Center spot), Area ×3       Alarm     Generation of the spot *2 (include Center spot), Area ×3       Alarm     Generation of the spot *2 (include Center spot), Area ×3       Alarm     Generation of the spot *2 (include Center spot), Area ×3       Alarm     Generation of the spot *2 (include Center spot), Area ×3       Minage display     Joint of the spot *2 (include Center spot), Area ×3       Display screen     3.5° LCD       Image display     Joint of the Hot, Black Hot, Iron Rei, Hot Ron, Rainbow, Arctic       Image display     Level span mode: Automatic, Semi-automatic, Manual       Digital camera     SMP       Cloud Services     Automatic, Manual       Digital function     Customized physical button ×2       Storage media     Built-in (16 GB)       Image storage     JOE Automatic, Semi-automatic, Manual       Digita camera     UBS <customized button="" physical="" td="" ×2<="">       Storage media     Built-in (16 GB)       Image storage<!--</td--><td>Field of view</td><td>56°×48°</td></customized>	Field of view	56°×48°
D.S     266-1       Focusing mode     Focus free       Digital zoom     1.1x to 8x       Measurement ange     Support auto-switching: -20' Co to 150' Co 150' Co       Measurement accuracy     -2' Co r -2'', whichever is greater       Analyzed target     Spot>2 (include Center spot), Area ×3       Alarm     Full sorreen temperature threshoid alarm (image and flash)       Parameter settings     Emissivity, reflected temperature, target distance       Others     Intelligently calculate the area       Image figstay     Stringet and the area       Display screen     3.5' LCD       Image digstay     Stringet and the area       Display screen     Stringet and the area       Color patters     Stringet and the area       Image digstar     Level span mode: Automatic, Semi-automatic, Manual       Digital comara     Stringet and the area	IFOV	3.75mrad
Facusing mode     Focus free       Digital zoom     1.1x to 8x       Measurement and analysis     Measurement and analysis       Measurement accuracy     .2°C to 150°C, 100°C to 550°C       Analyzed target     Support auto-switching: -20°C to 150°C, 100°C to 550°C       Alarm     .2°C to -2%, whichever is greater       Analyzed target     Support auto-switching: -20°C to 150°C, 100°C to 550°C       Alarm     Full screen temperature threshold alarm (image and flash)       Parameter settings     Emissivity, reflected temperature, target distance       Others     Intelligently calculate the area       Image display     .5° LCD       Usings corcen     3.5° LCD       Image display     .5° LCD       Color palettes     6: White Hot, Black Hot, Iron Red, Hot Iron, Rainbow, Arctic       Image display     Level span mode: Automatic, Sminautomatic, Manual       Dipital carmea     SMP       Functions     Laser       Laser     Customized physical button ×2       Storage media     Built-in (16 GB)       Image sotrage     JOPG with remp info       External interface     USB-C, Tipod socket       WiFI     Yes, It can be connected to the mobile terminal for image transmission       Power system     Environmental parameters       Environmental parameters     10°C to 50°C       Worki	Min. object distance	0.3m
Digital zoom         1.1x to 8x           Measurement and analysis           Measurement ance           Measurement accuracy           #2°C or ±2%, whichever is greater           Analyzed target           Alarm           Parameter settings           Enterstand           Digital zoom           Marent           FUI screen temperature threshold alarm (image and flash)           Parameter settings           Digital zoom           Color palettes           Image digitarent           Level span mode: Automatic, Semi-automatic, Manual           Digital camera           Softage and transmission           Storage and transmission           Poesenting           Digitarent           Custorage able internal for image transmission           Poesenting	D:S	266:1
Measurement range         Support auto-switching20° Cto 150° C, 100° Cto 550° C           Measurement accuracy         ±.2° Cor ± 2%, whichever is greater           Analyzed target         Spot × 2 (Include Center spot), Area × 3           Alarm         Intelligent thresphold alarm (image and flash)           Parameter settings         Emissivity, reflected temperature, target distance           Others         Intelligently calculate the area           Image display         Intelligently calculate the area           Display screen         3.5° LCD           Image display         Intelligently calculate the area           Color palettes         6: White Hot, Black Hot, Iron, Reid, Hot Iron, Rainbow, Arctic           Image adjustment         Level span mode: Automatic, Semi-automatic, Manual           Diptal camera         SMP           Functions         Culater (Indication, Raging)           Recording function         Photo           Colud Services         Customized physical button×2           Storage media         Built-In (16 GB)           Image storage         JPG with temp info           External interface         USB-C, Triptod socket           WiFi         Vest, it cam be connected to the mobile terminal for image transmission           Power system         4hours           Charging time	Focusing mode	Focus-free
Measurement range         Support auto-switching20° Cto 150° C, 100° Cto 550° C           Measurement accuracy         ±.2° Cor ± 2%, whichever is greater           Analyzed target         Spot × 2 (Include Center spot), Area × 3           Alarm         Intelligent thresphold alarm (image and flash)           Parameter settings         Emissivity, reflected temperature, target distance           Others         Intelligently calculate the area           Image display         Intelligently calculate the area           Display screen         3.5° LCD           Image display         Intelligently calculate the area           Color palettes         6: White Hot, Black Hot, Iron, Reid, Hot Iron, Rainbow, Arctic           Image adjustment         Level span mode: Automatic, Semi-automatic, Manual           Diptal camera         SMP           Functions         Culater (Indication, Raging)           Recording function         Photo           Colud Services         Customized physical button×2           Storage media         Built-In (16 GB)           Image storage         JPG with temp info           External interface         USB-C, Triptod socket           WiFi         Vest, it cam be connected to the mobile terminal for image transmission           Power system         4hours           Charging time	Digital zoom	1.1x to 8x
Measurement range         Support auto-switching-:20°C to 150°C, 100°C to 550°C           Measurement accuracy	-	
Measurement accuracy         ± 2°C or ± 2%, whichever is greater           Analyzed target         Spot+2 (Include Center spot), Area×3           Alarm         Full screen temperature threshold alarm (image and flash)           Parameter settings         Emissivity, reflected temperature, target distance           Others         Intelligently calculate the area           Image display	-	Support auto-switching: -20°C to 150°C, 100°C to 550°C
Analyzed target         Spot×2 ( Include Center spot), Area×3           Alarm         Genter settings           Parameter settings         Emissivity, reflected temperature, target distance           Others         Intelligentity calculate the area           Image display         3.5° LCD           Display screen         3.5° LCD           Image modet         Gity Streen           Color paletes         6: White Hot, Black Hot, Iron Red, Hot Iron, Rainbow, Arctic           Image adjustment         Level span mode: Automatic, Semi-automatic, Manual           Digital camera         SMP           Functions         Functions           Laser (Indication, Ranging)         Recording function           Cloud Services         Available           Others         Customized button×2           Storage media         Built-In (16 GB)           Image storage         JUP with temp info           External interface         USB-C, Tripod socket           WIFI         Yes, it can be connected to the mobile terminal for image transmission           Power system         Abors           Battery type         Rechargeable lithium-ion battery, non-removable           Oprating time         4 hours           Charging mode         USB-C charging, PC/portable charging, cpable of charging w	ŭ	
Alam         Full screen temperature threshold alarm (image and flash)           Parameter settings         Emissivity, reflected temperature, target distance           Others         Intelligently calculate the area           Image display         3.5° LCD           Display screen         3.5° LCD           Image mode         IR, VIS, MIF and PIP           Color palettes         6: White Hot, Black Hot, Ion Red, Hot, Ion Ra, Hot, Ion Red, Ion Red, Ion Red, Kot, Ion Red, Hot, Ion Red,	,	
Parameter settings         Emissivity, reflected temperature, target distance           Others         Intelligently calculate the area           Image display         Intelligently calculate the area           Display screen         3.5° LCD           Image mode         IR, VIS, MIF and PIP           Color palettes         6: White Hot, Black Hot, Iron Red, Hot Iron, Rainbow, Arctic           Image adjustment         Level span mode: Automatic, Semi-automatic, Manual           Digital camera         SMP           Functions         Laser (Indication, Ranging)           Recording function         Photo           Cloud Services         Available           Others         Customized physical button ×2           Storage and transmission         Storage and transmission           Storage media         Built-in (16 GB)           Image storage         JPG with temp info           External interface         USB-C, Tripod socket           WIFI         Yes, it can be connected to the mobile terminal for image transmission           Power system         Portage of full charger, Capable of charging while using           Charging mode         USB-C charging, PC/portable charger, Capable of charging while using           Charging mode         JPS4           Drop         -10°C to 5°C		
Others         Intelligently calculate the area           Image display         3.5° LCD           Display screen         3.5° LCD           Image mode         IR, VIS, MF and PIP           Color palettes         6: White Hot, Black Hot, Iron Red, Hot Iron, Rainbow, Arctic           Image adjustment         Level span mode: Automatic, Semi-automatic, Manual           Digital carnera         SMP           Functions         Image mode: Automatic, Semi-automatic, Manual           Laser         Clostory Semi-automatic, Manual           Others         Costory Semi-automatic, Manual           Clour Services         Available           Others         Custory Semi-automatic, Semi-automatic, Manual           Storage and transmission         Storage and transmission           Storage media         Built-in (16 GB)           Image storage         JPG with temp info           External interface         USB+C, Tippod socket           WiFi         Yees, it can be connected to the mobile terminal for image transmission           Power system         Ahours           Charging mode         USB+C charging: PC/portable charger, Capable of charging while using           Charging time         90% of full charge in 2.5 hours           Environental parameters         Image Storage <td< td=""><td>-</td><td></td></td<>	-	
Image display           Display screen         3.5° LCD           Ding worde         3.5° LCD           Image mode         IR, VIS, MIF and PIP           Color palettes         6: White Hot, Black Hot, Iron, Red, Hot Iron, Rainbow, Arctic           Image adjustment         Level span mode: Automatic, Semi-automatic, Manual           Digital camera         5MP           Functions         Laser (Indication, Ranging)           Recording function         Photo           Cloud Services         Available           Others         Customized physical button×2           Storage media         Built-in (16 6B)           Image storage         JPG with temp info           External interface         USB-C, Tripod socket           WIFI         Yes, it can be connected to the mobile terminal for image transmission           Power system         Rechargeable lithium-ion battery, non-removable           Operating time         4 hours           Charging mode         USB-C charging; PC/portable charging zabile using           Charging mode         USB-C charging; PC/portable charging zabile using           Charging themperature         -10° C to 50° C           Proton         In drop test           Certification         CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Jonattest, Vibration		
Display screen         3.5° LCD           Image mode         IR, VIS, MIF and PIP           Color palettes         6: White Hot, Black Hot, Iron Red, Hot Iron, Rainbow, Arctic           Image adjustment         Level span mode: Automatic, Sami-automatic, Manual           Digital camera         5MP           Functions         Easer (Indication, Ranging)           Recording function         Photo           Cloud Services         Available           Others         Customized physical button × 2           Storage media         Built-in (16 G8)           Image storage         JPG with temp info           External interface         USB+C, Tripod socket           WIFI         Yes, it can be connected to the mobile terminal for image transmission           Power system         Gorging mode           Charging mode         USB+C charging; PC/portable charger, Capable of charging while using           Charging time         90% of full charge in 2.5 hours           Environmental parameters         Pound           Working temperature         -10°C to 50°C           Prating         Indro test, Ce, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS           Physical parameters         Illuminator           Physical parameters         Illuminator		
Image mode         IR, VIS, MIF and PIP           Color palettes         6: White Hot, Black Hot, Iron Red, Hot Iron, Rainbow, Arctic           Image adjustment         Level span mode. Automatic, Semi-automatic, Manual           Digital camera         5MP           Functions         SMP           Laser         Laser (Indication, Ranging)           Recording function         Photo           Cloud Services         Available           Others         Customized physical button ×2           Storage and transmission         Storage media           Image storage         JPG with temp info           External interface         USB-C, Tripod socket           WIFI         Yes, it can be connected to the mobile terminal for image transmission           Power system         4 hours           Charging mode         USB-C charging; PC//portable charger, Capable of charging while using           Charging mode         USB-C charging; PC//portable charger, Capable of charging while using           Charging time         -10°C to 50°C           Protomental parameters         Image storage           Working temperature         -10°C to 50°C           Prop         1m drop test           Certification         CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38		
Color palettes     6: White Hot, Black Hot, Iron Red, Hot Iron, Rainbow, Arctic       Image adjustment     Level span mode: Automatic, Semi-automatic, Manual       Digital camera     SMP       Functions     SMP       Laser     Laser (Indication, Ranging)       Recording function     Photo       Cloud Services     Available       Others     Customized physical button ×2       Storage media     Built-in (16 GB)       Image storage     JPG with temp info       External interface     USB-C, Tripod socket       WIFI     Yes, it can be connected to the mobile terminal for image transmission       Power system     Battery type       Battery type     Rechargeable lithium-ion battery, non-removable       Operating time     90% of full charge in 2.5 hours       Environmental parameters     90% of full charge in 2.5 hours       Environmental parameters     10°C to 50°C       IP rating     10°C to 50°C       IP rating     CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS       Physical parameters     Illuminator       Hardware     Illuminator       Weight     296g       Size     138×89×34mm       Software kit     PC: ThermoTools, Mobile Thermograph (US/Android)		
Image adjustment         Level span mode: Automatic, Semi-automatic, Manual           Digital camera         5MP           Functions         Laser           Laser         Laser (Indication, Ranging)           Recording function         Photo           Cloud Services         Available           Others         Customized physical button×2           Storage and transmission         Storage media           Storage media         Built-in (16 GB)           Image storage         JPG with temp info           External interface         USB-C, Tripod socket           WIF1         Yes, it can be connected to the mobile terminal for image transmission           Power system         Battery type           Battery type         Rechargeable lithium-ion battery, non-removable           Operating time         90% of full charge in 2.5 hours           Charging mode         USB-C charging; PC/portable charger; Capable of charging while using           Charging time         90% of full charge in 2.5 hours           Environmetal parameters         10°C to 50°C           Prating         IP54           Drop         CE, FCC, ROHS, KC, Anatel, IP54, Tim drop test, Diapt test, Vibration test, Shock test, Impact test, UN38.3, MSDS           Physical parameters         Illuminator           Hard		
Digital camera     5MP       Functions     Easer       Laser (Indication, Ranging)       Recording function     Photo       Cloud Services     Available       Others     Customized physical button×2       Storage and transmission     Storage media       Storage media     Built-in (16 GB)       Image storage     JPG with temp info       External interface     USB-C, Tripod socket       WIFI     Yes, it can be connected to the mobile terminal for image transmission       Power system     Rechargeable lithium-ion battery, non-removable       Operating time     QBC Charging; PC/portable charge; capable of charging while using       Charging mode     USB-C charging; PC/portable charge; capable of charging while using       Charging time     90% of full charge in 2.5 hours       Environmetal parameters     10°C to 50°C       IP rating     IP54       Drop     CE, FCC, ROHS, KC, Anatel, IP54, Im drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS       Physical parameters     Illuminator       Hardware     Illuminator       Weight     296g       Size     138×89×34mm       Software kit     Crarging hong Durie Stat Guide Davers advater, Advater and ILISE-A to UISE-A to	•	
Functions           Laser         Laser (Indication, Ranging)           Recording function         Photo           Cloud Services         Available           Others         Customized physical button×2           Storage and transmission         Storage and transmission           Storage and transmission         Built-in (16 GB)           Image storage         JPG with temp info           External interface         USB-C, Tripod socket           WIFI         Yes, it can be connected to the mobile terminal for image transmission           Power system         Battery type           Battery type         Rechargeable lithium-ion battery, non-removable           Operating time         4 hours           Charging mode         USB-C charging; PC/portable charger; Capable of charging while using           Charging mode         USB-C tharging; PC/portable charger; Capable of charging while using           Charging time         -10°C to 50°C           IP rating         -10°C to 50°C           IP rating         IP54           Drop         1m drop test           Certification         CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS           Physical parameters         Illuminator           Weight         296g <td></td> <td></td>		
Laser         Laser (Indication, Ranging)           Recording function         Photo           Cloud Services         Available           Others         Customized physical button×2           Storage and transmission         Storage and transmission           Storage media         Built-in (16 GB)           Image storage         JPG with temp info           External interface         USB-C, Tripod socket           WIFI         Yes, it can be connected to the mobile terminal for image transmission           Power system         External interface           Battery type         Rechargeable lithium-ion battery, non-removable           Operating time         4 hours           Charging mode         USB-C charging; PC/portable charger; Capable of charging while using           Charging mode         USB-C charging; PC/portable charger; Capable of charging while using           Charging mode         USB-C charging; PC/portable charger; Capable of charging while using           Charging time         -10°C to 50°C           IP rating         -10°C to 50°C           IP rating         Exp. FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS           Physical parameters         Fradiamator           Hardware         Illuminator           Weight	Digital camera	5MP
Recording function         Photo           Cloud Services         Available           Others         Customized physical button×2           Storage and transmission         Storage media           Built-in (16 GB)         Image storage           JPG with temp info         External interface           WIFI         Others occeted           Power system         USB-C, Tripod socket           Battery type         Rechargeable lithium-ion battery, non-removable           Operating time         4 hours           Charging mode         USB-C charging; PC/portable charger; Capable of charging while using           Charging time         90% of full charge in 2.5 hours           Environmental parameters         USB-C           Working temperature         -10°C to 50°C           IP rating         IP54           Drop         1m drop test           Certification         CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Nibration test, Shock test, Impact test, UN38.3, MSDS           Physical parameters         Illuminator           Hardware         Illuminator           Weight         296g           Size         138×88×34mm           Software kit         PC: ThermoTools; Mobile: Thermography (iOS/Android)	Functions	
Cloud Services         Available           Others         Customized physical button×2           Storage and transmission         Built-in (16 GB)           Image storage         JPG with temp info           External interface         USB-C, Tripod socket           WIFI         Yes, it can be connected to the mobile terminal for image transmission           Power system         Battery type           Battery type         Rechargeable lithium-ion battery, non-removable           Operating time         4 hours           Charging mode         USB-C charging; PC/portable charger; Capable of charging while using           Charging time         90% of full charge in 2.5 hours           Environmental parameters         Evert to 50°C           IP rating         IP 54           Drop         1m drop test           Certification         CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS           Physical parameters         Illuminator           Weight         296g           Size         138×89×34mm           Software kit         PC: ThermoTools; Mobile: Thermography (IDS/Android)	Laser	Laser (Indication, Ranging)
Others         Customized physical button×2           Storage and transmission         External metric           Storage media         Built-in (16 GB)           Image storage         JPG with temp info           External interface         USB-C, Tripod socket           WIFI         Yes, it can be connected to the mobile terminal for image transmission           Power system         Rechargeable lithium-ion battery, non-removable           Operating time         Mechargeable charge; Capable of charging while using           Charging mode         USB-C charging; PC/portable charge; Capable of charging while using           Charging time         90% of full charge in 2.5 hours           Environmental parameters         Image storage           Working temperature         -10°C to 50°C           IP rating         IP 54           Drop         CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS           Physical parameters         Illuminator           Weight         296g           Size         138×89×34mm           Software kit         PC: ThermoTools; Mobile: Thermography (iOS/Android)	Recording function	Photo
Storage and transmission           Storage media         Built-in (16 GB)           Image storage         JPG with temp info           External interface         USB-C, Tripod socket           WIFI         Yes, it can be connected to the mobile terminal for image transmission           Power system         Battery type           Battery type         Rechargeable lithium-ion battery, non-removable           Operating time         4 hours           Charging mode         USB-C charging; PC/portable charger; Capable of charging while using           Charging time         90% of full charge in 2.5 hours           Environmental parameters         -10°C to 50°C           Working temperature         -10°C to 50°C           IP rating         IP 54           Drop         1m drop test           Certification         CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS           Physical parameters         Illuminator           Weight         296g           Size         138×89×34mm           Software kit         PC: ThermoTools; Mobile: Thermography (iOS/Android)	Cloud Services	Available
Storage mediaBuilt-in (16 GB)Image storageJPG with temp infoExternal interfaceUSB-C, Tripod socketWIFIYes, it can be connected to the mobile terminal for image transmissionPower systemBattery typeRechargeable lithium-ion battery, non-removableOperating time4 hoursCharging modeUSB-C charging; PC/portable charger; Capable of charging while usingCharging time90% of full charge in 2.5 hoursEnvironmental parameters10°C to 50°CWorking temperature-10°C to 50°CIP ratingIP54Drop1m drop testCertificationCE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDSPhysical parameters18/L and	Others	Customized physical button×2
Image storage       JPG with temp info         External interface       USB-C, Tripod socket         WIFI       Yes, it can be connected to the mobile terminal for image transmission         Power system         Battery type       Rechargeable lithium-ion battery, non-removable         Operating time       4 hours         Charging mode       USB-C charging; PC/portable charger; Capable of charging while using         Charging time       90% of full charge in 2.5 hours         Environmental parameters       90% of full charge in 2.5 hours         Working temperature       -10°C to 50°C         IP rating       IP54         Drop       1m drop test         Certification       CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS         Physical parameters       Illuminator         Weight       296g         Size       138×89×34mm         Software kit       PC: ThermoTools; Mobile: Thermography (iOS/Android)	Storage and transmission	
External interface         USB-C, Tripod socket           WIFI         Yes, it can be connected to the mobile terminal for image transmission           Power system         Battery type           Battery type         Rechargeable lithium-ion battery, non-removable           Operating time         4 hours           Charging mode         USB-C charging; PC/portable charger; Capable of charging while using           Charging mode         USB-C charging; PC/portable charger; Capable of charging while using           Charging time         90% of full charge in 2.5 hours           Environmental parameters         90% of full charge in 2.5 hours           Working temperature         -10°C to 50°C           IP rating         IP54           Drop         1m drop test           Certification         CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS           Physical parameters         Illuminator           Hardware         Illuminator           Weight         296g           Size         138 × 89 × 34mm           Software kit         PC: ThermoTools; Mobile: Thermography (iOS/Android)	Storage media	Built-in (16 GB)
WIFI       Yes, it can be connected to the mobile terminal for image transmission         Power system         Battery type       Rechargeable lithium-ion battery, non-removable         Operating time       4 hours         Charging mode       USB-C charging; PC/portable charger; Capable of charging while using         Charging time       90% of full charge in 2.5 hours         Environmental parameters       Vorking temperature         Working temperature       -10°C to 50°C         IP rating       IP54         Drop       1m drop test         Certification       CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS         Physical parameters       Illuminator         Weight       296g         Size       138×89×34mm         Software kit       PC: ThermoTools; Mobile: Thermography (iOS/Android)	Image storage	JPG with temp info
Power system           Battery type         Rechargeable lithium-ion battery, non-removable           Operating time         4 hours           Charging mode         USB-C charging; PC/portable charger; Capable of charging while using           Charging time         90% of full charge in 2.5 hours           Environmental parameters         90% of full charge in 2.5 hours           Working temperature         -10°C to 50°C           IP rating         IP54           Drop         1m drop test           Certification         CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS           Physical parameters         Illuminator           Weight         296g           Size         138×89×34mm           Software kit         PC: ThermoTools; Mobile: Thermography (iOS/Android)	External interface	USB-C, Tripod socket
Battery type         Rechargeable lithium-ion battery, non-removable           Operating time         4 hours           Charging mode         USB-C charging; PC/portable charger; Capable of charging while using           Charging time         90% of full charge in 2.5 hours           Environmental parameters         90% of full charge in 2.5 hours           Working temperature         -10°C to 50°C           IP rating         IP54           Drop         1m drop test           Certification         CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS           Physical parameters         Illuminator           Weight         296g           Size         138×89×34mm           Software kit         PC: ThermoTools; Mobile: Thermography (iOS/Android)	WIFI	Yes, it can be connected to the mobile terminal for image transmission
Battery type         Rechargeable lithium-ion battery, non-removable           Operating time         4 hours           Charging mode         USB-C charging; PC/portable charger; Capable of charging while using           Charging time         90% of full charge in 2.5 hours           Environmental parameters         90% of full charge in 2.5 hours           Working temperature         -10°C to 50°C           IP rating         IP54           Drop         1m drop test           Certification         CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS           Physical parameters         Illuminator           Weight         296g           Size         138×89×34mm           Software kit         PC: ThermoTools; Mobile: Thermography (iOS/Android)	Power system	
Operating time         4 hours           Charging mode         USB-C charging; PC/portable charger; Capable of charging while using           Charging time         90% of full charge in 2.5 hours           Environmental parameters         90% of full charge in 2.5 hours           Working temperature         -10°C to 50°C           IP rating         IP54           Drop         1m drop test           Certification         CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS           Physical parameters         Illuminator           Hardware         118×89×34mm           Software kit         PC: ThermoTools; Mobile: Thermography (iOS/Android)		Rechargeable lithium-ion battery, non-removable
Charging mode       USB-C charging; PC/portable charger; Capable of charging while using         Charging time       90% of full charge in 2.5 hours         Environmental parameters          Working temperature       -10°C to 50°C         IP rating       IP54         Drop       1m drop test         Certification       CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS         Physical parameters       Illuminator         Hardware       Illuminator         Weight       296g         Size       138×89×34mm         Software kit       PC: ThermoTools; Mobile: Thermography (iOS/Android)		
Charging time       90% of full charge in 2.5 hours         Environmental parameters         Working temperature       -10°C to 50°C         IP rating       IP54         Drop       1m drop test         Certification       CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS         Physical parameters       Illuminator         Hardware       118 × 89 × 34mm         Software kit       PC: ThermoTools; Mobile: Thermography (iOS/Android)		
Environmental parameters         Vorking temperature         -10°C to 50°C         IP rating       IP54         Drop       1m drop test         Certification       CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS         Physical parameters       Illuminator         Hardware       Illuminator         Weight       296g         Size       138×89×34mm         Software kit       PC: ThermoTools; Mobile: Thermography (iOS/Android)		
Working temperature       -10°C to 50°C         IP rating       IP54         Drop       1m drop test         Certification       CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS         Physical parameters         Hardware       Illuminator         Weight       296g         Size       138×89×34mm         Software kit       PC: ThermoTools; Mobile: Thermography (iOS/Android)		
IP rating       IP54         Drop       1m drop test         Certification       CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS         Physical parameters       Hardware         Hardware       Illuminator         Size       138×89×34mm         Software kit       PC: ThermoTools; Mobile: Thermography (iOS/Android)	-	-10°C to 50°C
Drop         1m drop test           Certification         CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS           Physical parameters         Illuminator           Hardware         Illuminator           Weight         296g           Size         138×89×34mm           Software kit         PC: ThermoTools; Mobile: Thermography (iOS/Android)		
Certification       CE, FCC, RoHS, KC, Anatel, IP54, 1m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS         Physical parameters         Hardware       Illuminator         Weight       296g         Size       138×89×34mm         Software kit       PC: ThermoTools; Mobile: Thermography (iOS/Android)	-	
Physical parameters           Hardware         Illuminator           Weight         296g           Size         138×89×34mm           Software kit         PC: ThermoTools; Mobile: Thermography (iOS/Android)	•	
Hardware     Illuminator       Weight     296g       Size     138×89×34mm       Software kit     PC: ThermoTools; Mobile: Thermography (iOS/Android)		CL, FOO, NOTO, NO, Analei, IF 34, TH Grop lest, Damp near lest, Vibration lest, Snock lest, Impact lest, UN38.3, MSDS
Weight         296g           Size         138×89×34mm           Software kit         PC: ThermoTools; Mobile: Thermography (iOS/Android)           A device. Wriet strap. Carrying bag, Quick Start Guide. Power adapter: Adapter plug, USB-0 to USB-0 Cable. Data download		00
Size 138×89×34mm Software kit PC: ThermoTools; Mobile: Thermography (iOS/Android)		
Software kit PC: ThermoTools; Mobile: Thermography (iOS/Android)		
A device Write strap, Carrying bag, Quick Start Guide, Power adapter, Adapter plug, USR-A to USR-C Cable, Data downlo		
A device, Wrist strap, Carrying bag, Quick Start Guide, Power adapter. Adapter plug, USB-A to USB-C Cable. Data downlo	Software kit	
Standard card, Certificate of approval	Standard	
Options Tripod	Options	bogiT