

## Thermal Camera

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# KPS-TherCam120

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### Description :

TherCam120 is an affordable temperature measuring tool widely used for building diagnostics, HVAC inspections, electrical system inspections and more. It perfectly overcomes the shortcomings of the single spot infrared thermometers and helps work smarter, safer and faster. Equipped with 120x90 WLP IR modules, 120 series thermal cameras can display radiometric data of 10,800 pixels instantly which helps quickly detect large areas and pinpoint fault spots accurately. It can also easily save images and data, and download fast via USB, or removable TF card

# KPS-TherCam120

## Thermal Camera

### Characteristics :

- Boot-up in 1 second: Boot up and display fully radiometric image instantly
- Full screen max & min temperature alarm
- 2.4 inch Large Display: 240x320 pixel Color LCD
- Good-handle buttons: Ergonomic design. Easy to operate even wearing gloves
- 8-hour Battery Life: Low power consumption. Large capacity battery
- 2-hour Fast Charge: USB type-C interface
- IR/Visible/Laser Indicator: Pinpoint targets precisely
- Trigger button: trigger button for photo taking
- Rugged design: 2-meter drop test, IP54 encapsulation

### Standard Accessories :

- Charger + adapter
- Type-C USB cable
- Wrist strap
- Quick start guide
- Data download card
- 16GB TF card

Specifications / Model	TherCam120
<b>IR Image And Optical</b>	
IR Resolution	120x90@17μm
Detector type	VOx/7.5 ~ 14μm
Frame Rate	25Hz/9Hz
Thermal Sensitivity / NETD	60 mk
Focal Length	2.28mm/F1.13
Field of view (FOV)	50° x 38°
Spatial resolution (IFOV)	7.6 mrad
Focus	Focus-free

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### Image Display

Display	2.4 inch IPS technology TFT display
Display Resolution	320x240
Image Model	IR image
Color palettes	6: White Hot, Iron Red, Hot Iron, Arctic, Rainbow 1, Rainbow2

### Temperature Measurement

Temperature range	-20°C - 150°C, 100°C - 400°C (Auto switching)
Accuracy	±2°C or ±2%, whichever is greater (target temp ≥ 0°C, ambient temp is 15°C ~ 30°C)
Measurement spot	Center spot
Measurement area	3 (incl. Max & min temp)
Auto Hot & Cold spot tracking	Yes

Alarm	Full screen Max & Min spot alarm
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### Image storage

Storage media	TF card (Standard 16G, up to 32G)
IR image format	Full radiometric (JPG) (120x90)

### Connections & Communications

USB	Type-C, TF card slot
Laser	Yes
Tripod interface	Yes
PC IR analysis software	Yes

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### Power System

Battery Type	Rechargeable Li-ion battery
Battery operating time	> 8 hours
Charging time	Intrernal charge, ≤2.5 hours

### Environmental Parameters

Operating temperature	-10°C ~ 50°C
Storage temperature	-40°C ~ 70°C
Encapsulation	IP54, 2-meter drop test
Certification	CE/ROHS/FCC
Weight	≈350g
Size	194x61.5x76 mm

### Product Code Information

SKU	KPSTHERCAM120CBINT
EAN code	8435394778488
UPC code	810053672815
Pcs/export carton	1