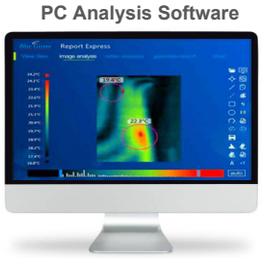
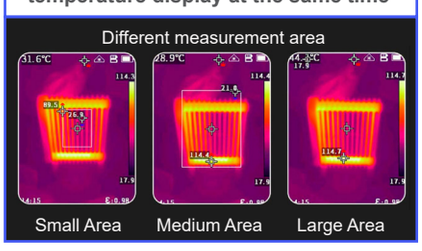
Blue Gizmo Portable Thermal Camera, BG118

PC Analysis Software



Hot spot / Cold spot / Center spot temperature display at the same time



Features

- Boot up in 1 second
- 2.4 inch large display
- Battery life up to 8 hours
- 2 hours quick charge (Type-C Interface)
- IR, visible, laser indicator
- Trigger button for photo taking
- IP54 Encapsulation (2m drop test)
- 120x90 WLP IR modules
- 320 x 240 pixel color LCD
- Can display radiometric data of 10,800 pixels
- Data downloadable via USB or removable TF/SD card

Application

- Building diagnostics
- HVAC inspection
- Electrical inspection
- Food equipment maintenance
- Kitchen oven and refrigerator
- Food processing

SPECIFICATIONS

IR Image & Optical	
IR resolution	120 x 90 @ 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
Image Display	
Display	2.4 inch IPS technology TFT display
Display resolution	320 x 240
Image model	IR image
Color Palettes	6 colors (white hot, iron red, hot iron, arctic, rainbow 1, rainbow 2)
Temperature Measurement	
Temperature range	-20 to 400°C
Accuracy	±2°C or ±2% of the reading whichever greater than 100°C (target temp ≥0°C, ambient temperature is 15 to 30°C)
Measurement spot	Center spot
Measurement area	3 include max & min temperature
Alarm	Visuable (Max & Min spot alarm)
Connections & Communications	
USB	TYPE C
Laser	Yes
PC IR analysis software	Yes
Environmental Parameter	
Operating temperature	-10 to 50°C
Storage temperature	-40 to 70°C
Encapsulation	IP54, 2m drop test
Certification	CE / ROHS / FCC
Battery Type	Li-ion Battery
Weight / Dimension	350g / 194mm x 61.5mm x 76mm

MODEL	DESCRIPTION
BG-118	Blue Gizmo Portable Thermal Camera
Standard accessories	Charger + Adapter, Type-C USB cable, wrist strap, quick start manual, 16GB SD card & software
Optional	
CL-ISO-ACC	Accredited Calibration upon request
CL-ISO-NACC	Traceable Calibration upon request