

B Series

Tool-like Thermographic IR Camera





Introduce

B series is an efficient, budget-friendly and completely equipped infrared camera. This robust and very handy high-tech system thanks to its intuitively learnable handling and user-friendly single hand operation, which makes it an ideal tool for troubleshooting electrical installations, mechanical components, buildings, process equipment, HVAC/R equipment and others.

Application

Electric inspection and diagnosis / Building inspection and diagnosis / Mechanical equipment maintenance / Manufacturing process service / Petrochemical industry maintenance

Features and Benefits

- Friendly UI, easy to use without training
- Affordable as entry level diagnostic tool
- Removable Large capacity Li-ion battery, 4 hour working time
- 3.5" large screen with no image cropping, high brightness screen to show image with no detailed information lost even outdoor or in highlight
- Rugged and compact design, metal internal structure
- Standard Micro USB interface for data transmission and charging
- Optional Wi-Fi connection with notebook or mobile

Specifications

Model	B160V	B256V	B320V	
IR Imaging Performance				
IR resolution	160×120@12μm	256*192@12µm	320×240@17µm	
Detector type		VOx/7.5~14μm		
Frame rate		25Hz/9Hz		
NETD		≤50mk		
Focal Length	3.7mm/F1.1	5mm/F1.2	7mm/F1.1	
Field of view(FOV)	30°×22°	35°×26°	42.5°×32.5°	
Spatial Resolution(IFOV)	3.30mrad	2.36mrad	2.33mrad	
Min focus distance	1m	1m	1m	
Focus		Focus-free		
Visible Camera				
Resolution		640×480, Automatic		
mage Presentation				
Display		3.5" highlight LCD screen, 320×240		
Image modes		IR image , Visible image , MIF , PIP		
Digital zoom		2X , 4X		
Color palettes	6:White Ho	6:White Hot, Iron Red, Hot Iron, Arctic, Rainbow 1, Rainbow 2		
Level span		Auto,Semi-automatic, Manual		
Measurement				
Temperature range	-20°	-20°C-150°C , 100°C-650°C (Auto switching)		
Accuracy	(targ	±2°C or ±2%, whichever is greater (target temp ≥0°C, ambient temp is 15°C ~ 30°C)		
Spotmeter		Center spot		
Auto tracking		Area Tmax/Tmin tracking		
Alarm		Area Tmax/Tmin alarms		
Storage				
Storage medium		Removable SD card (16G)		
mage format		JPG with temp info		
Video Streaming		transferred to via USB		
Connections & Communications				
Interface	Micro U	Micro USB (for real-time image/ video transmission)		
WIFI	Ye	Yes (for data transfer and camera control)		
Power System				
Battery		Rechargeable Li-ion battery, ≥4h, Automatic shut-down and sleeping mode		
Environmental Parameters				
Operating temp range		-15°C~50°C		
Storage temp range		-40°C~70°C		
Encapsulation		IP43 , 1m drop		
Weight		740g (batterry included)		
Size		258mm×98mm×90mm		
Standard Accessories	Li-ion battery, Power supply adapt	Li-ion battery, Power supply adapter (5V/2A), Adapter plug, Wrist strap, USB cable, Quick Start Guide, Data Download Card, SD card(16GB)		
Optional Accessories	Li-ion	Li-ion Battery,Camera carring pouch,Battery charger		

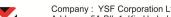
Optional Accessories

Li-ion Battery, Camera carring pouch, Battery charger

Contact us :



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