



EasIR™ is an easy-to-use infrared camera.

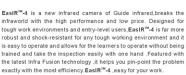


- Electricity Inspection
- Building Diagnostics
- Technical Diagnostics
- Veterinarian Helper
- Predictive and Preventative Maintenance

Guide Infrared, Infrared Guide



- · AGT: Auto Gate Technology
- Auto Focus
- 2.0 Megapixel CMOS
- · Large Storage Capacity
- Rugged and Ergonomical Design
- Friendly Interface for Convenient Use
- Infra Fusion Technology
- Flexible Battery Compatibility
- · Low Cost, High Performance





AGT: Auto Gate Technology

Within Guide's newly developed innovative auto gate technology plays as external shutter plus lens cap. Different from treditional buttien shutter, external shutter is free from all disturbing heat radiation caused by the optics and electronics inside, thus delivers crisper and uniform thermal image, as well as more stable and accurate temperature reading. It closes automatically in off mode, providing double protection to the sensitive optics and detectors.

Auto Focus

Thanks to the successfully automatic focusing function, both clear infrared and visual image can be focused by simply pressing one button.



2.0 Megapixel CMOS

Showing the vivid infraworld is not enough for the EasIR¹⁸-4. Integrated high-resolution CMOS, EasIR¹⁸-4 can also bring you into an extremely crisp real world.



Large Storage Capacity

Benefiting from 2G SD card inside and the capability for enlarging to a larger capacity, EasIR^M-4 enables you to save as many photos as you can without changing card frequently.







Flexible Battery Compatibility

No need to worry about the power supply, ordinary AA Alkaline battery can be available everywhere which ensures you an uninterrupted high efficient work



Infra Fusion Technology

Guide's new Thermal Fusion Technology allows you to overlay the thermal image directly on the corresponding visual image. It would help you indentify where the problem exactly is and give the solution.





Friendly Interface for Convenient Use

The three-button is easy to use and allows for the user navigate freely with the slight push of a thumb. The friendly and intuitive menu on the 3.6" color LCD enables the user to operate the camera easily and comfortably without reading

TECHNICAL SPECIFICATIONS

Thermal	
Detector Type	Microbolometer UFPA (160 x 120 pixels, 25 μ m)
Spectral Range	8-14 µ m
Field of View	20.6° x 15.5°
Focus	11mm
Thermal Sensitivity	≤0.1℃ @30℃
Image Frequency	50HZ PAL/60HZ NTSC,non-interlaced
Image Display	256 level, 8 palettes (Rainbow, Iron, B&W, etc)
Visual	
Built-in Digital Video	CMOS Sensor,1600 x 1200 pixels, 2 ³⁴ colors
External Display	3.6 " TFT high resolution color LCD
Measurement	
Temperature Range	-20℃~+250℃(350℃ optional)
Accuracy	±2℃ or ±2% of reading
Measurement Modes	Spot analysis, Infra Fusion
Image Storage	
Type	SD card (2G)
File Format	Standard JPEG
Voice Annotation	60 seconds
Optional accessories	
Telephoto Lens	30mm FOV:7.6°× 5.7°
Wide Angle Lens	7mm FOV:32° × 24°
Sun Shield	Yes
System Status Indication	
LCD Display	Status of battery, indication of power
Laser Locator	
Classification	Semiconductor A1GaInP Diode Laser
Power Supply	
Туре	110/220V AC adaptor AA Alkaline battery AA rechargeable battery
Operating Time	Over 3 hours continuous operation
Charging System	In camera or in battery charger
Environmental Specification	
Operating Temperature	-10℃~+50℃
Storage Temperature	-20°C~+60°C
Humidity	Operating and storing 10% to 95%, non- condensing
Encapsulation	IP54
Shock	Operational: 25g, IEC 68-2-29
Vibration	Operational: 2g, IEC 68-2-6
Drop Test	2 meters
Interfaces	
USB2.0	Real-time image (thermal & visual), measurement, and voice transfer to PC
Physical Characteristics	
Size	111mm × 124mm × 240mm
Weigh	0.73kg (including battery)
Color	Yellow&blue interlaced or red&black interlaced alternative



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