

EasIR™ is an easy-to-use infrared camera



- Infra Fusion
- Live Video Recording
- Large Storage Capacity
- Built-in Illuminator lamp
- Flexible Battery Compatibility
- Navigation Interface
- Rugged and Ergonomical Design
- Four Manual-focus lens Optional
- High-resolution Image Presentation
- Large Screen Display

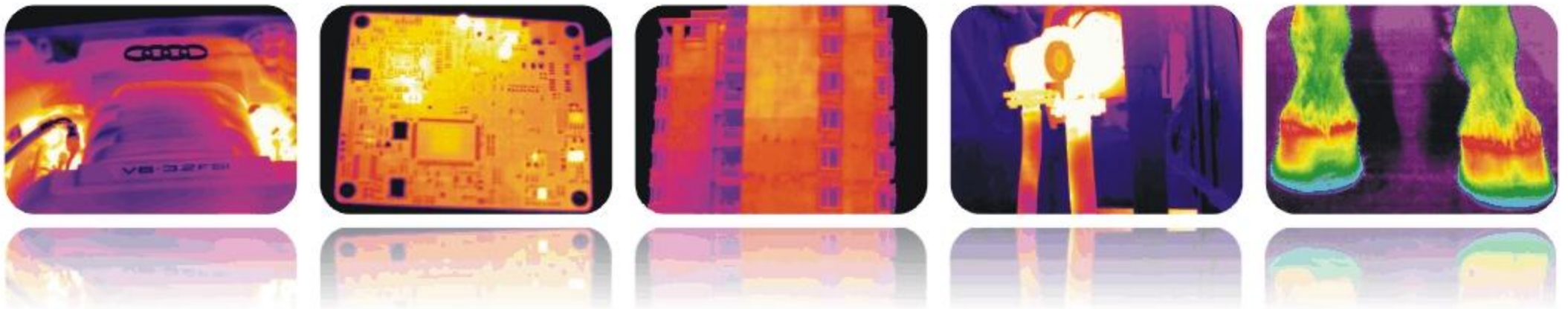
EasIR™-9

EasIR-9 is a high-end infrared camera of Guide E serious products. In a rugged and ergonomical design, it is far more robust and shock-resistant for any tough working environment. The navigation interface is easy to operate and allows for the learners to operate without being trained and take the inspection easily with one hand. Feature with Infra Fusion technology and built-in illuminator lamp, it helps you pin-point the problem exactly with the most efficiency. Using EasIR-9, easy for your work.



Applications

- 1 Predictive and preventative maintenance
- 2 Electrical inspections
- 3 Building diagnostics
- 4 Technical diagnostics
- 5 Veterinarian helper



Features and Benefits

Infra Fusion

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



Live Video Recording

Recording live video on board or into PC via USB2.0 helps memorize continuous temperature change of the target, which is ideal for various stationary monitoring applications.



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.

Navigation Interface

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 manual.



Rugged and Ergonomical Design

With its rugged, slip-resistant grip design and the ability of resisting drop from 2m height, **EasIR™-4** ensures high work efficiency and reliability in any tough environment. Even those left handers will find it is easy to use the camera with just one hand due to its ergonomically oriented holding design.

Large Storage Capacity

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



Four Manual-focus lens Optional

Offered with four manual-focus lens 13mm, 25mm, 42mm and 70mm, it is easy satisfy users for different applications with minimum invest. Rugged focus ring ensures precise focus adjustment and makes your inspection work efficiently.

Built-in Illuminator lamp

The E9 visual camera has a target illuminator lamp for taking pictures in low light areas. It ensures visual camera take clear and sharp images regardless of the lighting conditions.



High-resolution Image Presentation

Utilizing high performance 384*288 IR detector, the camera offers extraordinary high resolution, high sensitivity and high accuracy presented by real-time, noise-free 16-bit thermal images.

Technical Specification



Imaging Performance	
THERMAL	
Detector type:	Uncooled FPA microbolometer (384×288 pixels, 25μm)
Spectral Range:	8-14μm
Thermal Sensitivity:	≤100mk at 30°C
Field of View/ Focus:	21.7° X16.4° / 25mm standard (40.53° X30.96° /13mm, 13.04° X 9.8° / 42mm 7.85° X 5.89° /70mm optional)
Focus:	Manually
Electronic Zoom:	X2
VISUAL	
Built-in Digital Video:	CMOS Sensor, 1600X1200 pixels, 2 ²⁴ true colors
Image Presentation	
External Display:	3.6" TFT LCD with high resolution
Video Output:	PAL/NTSC
Infra Fusion:	Visual and IR blending
Man-Machine Communication	
Buttons:	Respond as per operators' operation
Menu:	Microsoft® Windows style
Measurement	
Temperature Range:	-20°C to 250°C (350°C and 1500°C are optional) 10°C~50°C (medical version)
Accuracy:	±2°C or ±2% of reading
Emissivity Correction:	Variable from 0.01 to 1.00 (in 0.01 increment)
Measurement Features:	Automatic correction based on distance, relative humidity, dew point function, atmospheric transmission and external optics
Optics Transmission Correction:	Auto, based on signals from sensors
Image Storage	
Type:	Removable 4GB SD card & built-in memory (8GB SD card optional)
File Format:	JPG with analysis records
Voice Annotation:	Up to 60 seconds
Power System	
Battery Type:	AA rechargeable battery, field-replaceable, AA Alkaline battery also usable
Charging System:	In camera or in battery charger
Battery Operating Time:	Over 2 hours continuous operation
External Power Operation:	AC adapter 110/ 220 VAC, 50/ 60Hz
Environmental Specification	
Operating Temperature:	0°C to 50°C
Storage Temperature:	-20°C to 60°C
Humidity:	Operating and storing 10% to 95%, non- condensing
Encapsulation:	IP54 IEC 529 housing
Shock:Operational:	25G, IEC 68-2-29
Vibration: Operational:	2G, IEC 68-2-6
Interfaces	
USB 2.0:	Real-time image (thermal & visual) , measurement, and voice transfer to PC; Live video transfer to PC
Physical Characteristics	
Weight:	0.73KG(including battery)
Size:	112mmx182mmx252mm (with 25mm lens)
Colors:	Yellow&blue interlaced or red&grey interlaced alternative



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