

EXTECH i5 Compact IR Camera

Easy-to-Use Troubleshooting Tool - Only 12oz

Affordable InfraRed Camera with high quality image, high accuracy, focus free viewing, and 5000 image miniSD™ card storage

Features:

- High accuracy of 2% and thermal sensitivity of 0.1°C helps you find problems faster and easier — critical for condition monitoring of thermally sensitive targets
- Extremely lightweight resulting in less user fatigue (12 ounces)
- Pocket sized and fully automatic design makes it incredibly easy-to-use even for first time users — perfect for general purpose use
- Focus free lenses for convenient viewing
- 2.8" (71mm) high resolution color LCD
- Double molded rugged design with easy grip handle construction meets IP43 dust/splashproof standards
- >4 hour continuous operation on a single charge for uninterrupted inspections
- MiniSD™ card stores up to 5000 Radiometric JPEG format images. Each image can be analyzed using the included QuickReport™ PC Software
- Complete with 512MB miniSD™ Card, Li-Ion rechargeable battery with 90-260V AC adaptor/charger with EU, UK, US and Australian plugs, QuickReport™ software with USB Mini-B cable, built-in manual lens shutter, and hand strap



Pocket size and extremely lightweight camera only weighs 12 ounces



Large 2.8" color LCD



Detect hidden problems fast



QuickReport™ PC software enables user to analyze Temperature of all JPEG images from miniSD™ card

Applications:

- Detect hidden problems, make quick damage assessments
- Check for overheating of electrical panels and transformers
- Avoid electrical failures
- Identify faults in heating and cooling systems
- Find problems with motors, fans and bearings
- Generate reports, analyze and document your findings with the easy-to-use software

Ordering Information:

- IRC40**EXTECH i5 Thermal Imaging Infrared Camera
1950986Replaceable Battery Li-Ion Cell 3.6V
T910711Power Supply Charger (100-240VAC, 5VDC, 6W)

| Features | |
|--|---|
| Temperature range | 32°F to 482°F (0°C to 250°C) |
| Image Storage | 5000 Images (mini SD card memory) |
| Emissivity | Emissivity Table; 0.1 to 1.0 adjustable |
| Imaging Performance / Image Presentation | |
| Field of view/min focus distance | 17° X 17°/0.6m (2 ft.) |
| Focus | Focus free |
| Thermal sensitivity (N.E.T.D) | <0.1°C at 25°C |
| Detector Type | Focal plane array (FPA) uncooled microbolometer; 80 X 80 pixels |
| Spectral range | 7.5 to 13µm |
| Display | 2.8" color LCD |
| Image Controls | Palettes (Iron, Rainbow, and Black/White) |
| Set-up controls | Date/time, °C/°F, 21 languages |
| Measurement modes | Spot (with correction for emissivity and reflected temperature) |
| Power Source / Environmental Specs | |
| Battery Type | Li-Ion |
| Battery operating time | >4 hours, Display shows battery status |
| Charging system | In camera, AC adapter; 3 hours to 90% capacity |
| AC operation | AC adaptor 90-260VAC, 50/60Hz |
| Adaptor Voltage | 5 VDC output to camera |
| Operating temperature range | 32°F to 122°F (0°C to 50°C) |
| Storage temperature range | -40°F to 158°F (-40°C to 70°C) |
| Humidity | Operating and storage 20% to 80%, non-condensing, IEC 359 |
| Shock | 25G, IEC 68-2-29 |
| Vibration | 2G, IEC 68-2-6 |
| Dimensions/Weight | 8.8x3.1x3.3" (223x79x83mm)/<12oz. (340g), including battery |