

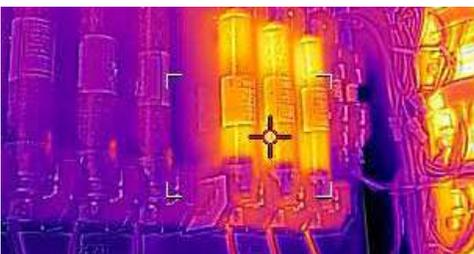


INFRARED CAMERA WITH MSX® & WI-FI

FLIR Ex-Series™

FLIR E4, E5-XT, E6-XT, and E8-XT are powerful, cost-effective, easy-to-use troubleshooting tools for building, electrical, and mechanical applications. With four resolution options—up to 320 × 240 infrared pixels—and the ability to accurately measure temperatures from -20°C to 550°C/-4°F to 1022°F (E6-XT and E8-XT), the Ex-Series has models to fit your target size, working distance, visual detail needs, and budget. All models include MSX® technology for extraordinary thermal imaging detail. Wi-Fi connectivity to smartphones and tablets via the FLIR Tools® Mobile app makes sharing images and sending reports from any location easier, enabling you to make critical decisions faster. With Ex-Series cameras, you can gain the competitive advantage by providing clients with thermal images that clearly reveal the source of electrical, mechanical, and building-related problems.

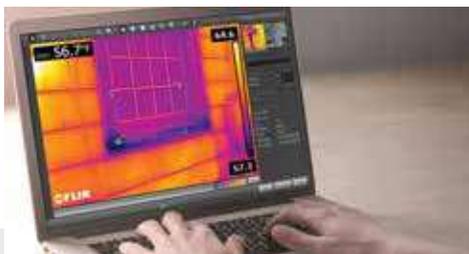
www.tulon.ru



EASY TO USE

Intuitive graphic interface simplifies measurements in both thermal and MSX mode

- Fully automatic and focus-free
- Accurately measure your target using center spot or max/min area box
- Navigate easily to on-screen settings, image modes, and measurement tools using simple button controls
- Activate MSX to enhance IR images with visual detail for better perspective and interpretation



CONVENIENT TO SHARE IMAGES AND FINDINGS

Download images, create reports, and share what you've found instantly

- Records standard JPEGs with embedded temperature data for easy sharing with clients
- Wi-Fi connectivity to mobile devices via the FLIR Tools Mobile app
- Rapid Wi-Fi or USB image transfer for documentation
- Image analysis and editing, plus report creation, through FLIR Tools



COMPACT AND RUGGED

Built for portability and safe, efficient use in harsh environments

- Lightweight and well-balanced at just 1.2 lbs (0.575 kg)
- Withstands a 2-meter drop test
- IP54 Enclosure provides a high level of protection against dust and water
- Comes with 2-year warranty coverage on the camera and 10-year coverage for the detector

SPECIFICATIONS

| Image and optical data | E4 | E5-XT | E6-XT | E8-XT |
|-----------------------------------|--|---|--|--|
| IR resolution | 80 × 60 (4,800 pixels) | 160 × 120 (19,200 pixels) | 240 × 180 (43,200 pixels) | 320 × 240 (76,800 pixels) |
| Thermal sensitivity/NETD | <0.15°C (0.27°F) / <150 mK | <0.10°C (0.27°F) / <100 mK | <0.06°C (0.11°F) / <60 mK | <0.05°C (0.09°F) / <50 mK |
| Spatial resolution (IFOV) | 10.3 mrad | 5.2 mrad | 3.4 mrad | 2.6 mrad |
| Field of view (FOV) | 45° × 34° | | | |
| F-number | 1.5 | | | |
| Image frequency | 9 H | | | |
| Focus | Focus-free | | | |
| Detector data | | | | |
| Detector type | Focal Plane Array (FPA), uncooled microbolometer | | | |
| Spectral range | 7.5–13 μm | | | |
| Image presentation and modes | | | | |
| Display | 3" 320 × 240 color LCD | | | |
| Image adjustment | Automatic adjust/lock image | | | |
| Image modes | Thermal MSX, thermal, picture-in-picture, thermal blending, digital camera | | | |
| Color palettes | Iron, Rainbow, Black & White | | | |
| Measurement and analysis | | | | |
| Object temperature range | -20°C to 250°C (-4°F to 482°F) | -20°C to 400°C (-4°F to 752°F) in two ranges | -20°C to 550°C (-4°F to 1022°F) in two ranges | -20°C to 550°C (-4°F to 1022°F) in two ranges |
| Accuracy | ±2°C (±3.6°F) or ±2% of reading for ambient temperature 10°C to 35°C (50°F to 95°F) and object temperature above 0°C (32°F) | | | |
| Spotmeter | Center spot | | | |
| Area | Box with max/min | | | |
| Isotherm | Above alarm, below alarm | | | |
| Data communication and interfaces | | | | |
| Interfaces | USB Micro: data transfer to and from PC and Mac device | | | |
| Wi-Fi | Peer-to-peer or infrastructure | | | |
| File format | Standard JPEG, 14-bit measurement data included | | | |
| General | | | | |
| Operating temperature range | 15°C to 50°C (5°F to 122°F) | | | |
| Battery | Rechargeable 3.6 V Li ion battery | | | |
| Battery operating time | Approx. 4 hours at 25°C (77°F) ambient temperature and typical use | | | |
| Battery charging time | 2.5 hours to 90% capacity in camera. 2 hours in charger | | | |
| Drop | 2 m (6.6 ft.) | | | |
| Camera weight, incl. battery | 0.575 kg (1.27 lb.) | | | |
| Camera size (L × W × H) | 244 × 95 × 140 mm (9.6 × 3.7 × 5.5 in) | | | |
| Box contents | Infrared camera, hard transport case, battery, USB cable, power supply/charger with EU, UK, US and Australian plugs, printed documentation | | | |

Specifications are subject to change without notice. For the most up-to-date specs, go to www.flir.com



The World's Sixth Sense®