



KT-650

Indeks: WMXXKT650

Thermal Imager



Description

Polish manufacturer of measuring instruments introduces the new high level cameras with many usable features, matched with a wide variety of IR lenses. A fully radiometric, high resolution cameras which records temperature at each point of the image. This cameras make shooting professional IR images fast and easy as never before. Everything closed in a durable, water and dust proof casing, small size and low weight. Can you expect more? Yes, and Sonel gives you more. More features, options and functions (compass, GPS, IR analysing functions, Wi-Fi reports printing, others). Additional we offer you fully free, professional but intuitive software for image editing and reports creating. You need only to enjoy the quality, professionalism and performance of new Sonel KT series.

- High resolution IR images up to 120,000 pixels (400x) and 307,200 pixels (640x480) alternative
- Visible light digital camera 5MP resolution with LED lamp provides sharp images regardless of lighting conditions
- 5 inch 720P high resolution LCD touch screen for better image clarity and easy operation
- Rotating LCD display up to 270" for easy viewing angle
- Rotating lens detents up to 70" for easy viewing angle
- 4x (10x for plus version) continuous zoom with auto/motorized

focus

- Android based operation system with open platform for various APP developments and convenient program updating
- Powerful onboard analysis and reporting capabilities
- Multiple image presentation including IR visible, PIP and IR blending
- WiFi&Bluetooth wireless communication
- Optional high temperature range measuring up to 2000°C (3632°F) targeting electrical and industrial applications
- Optional 11° telephoto or 45° wide angle lens

Technical Specification

| KT-650: | |
|-------------------|--|
| Detector | 640 x 480 |
| Spectral range | 8 to 14 μm |
| NETD | 40 mK |
| Lens | Standard 24.6° x 18.5/25 mm, (Optional: 45.4° x 34.9°/13 mm; 11.3° x 8.5°/55 mm) |
| LCD | 5", 1280 x 720, HQ touch LCD |
| Viewfinder | 1280 x 960 LCOS screen |
| Image mode | IR image/Visual image/PIP/MIF |
| Zoom | 1 to 4x |
| Measurement Range | Filter 1: -20°C to 150°C / -4°F to 302°F Filter 2: 150°C to 800°C / 302°F to 1472°F Optional Filter: up to 2000°C / 3632°F |

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|----------------------------------|--|
| Accuracy (Ambient: 10°C-35°C) | ±2°C or ±2% |
| Image Analysis Modes | 8 points, 8 lines, 8 polygons; temperature display: min, max, avg; isotherm; dew point; temperature alarm |
| Palette | 8 |
| Emissivity | Adjustable from 0.01 to 1.00 or from the list of materials |
| Measurement correction | Adjustable: distance, relative humidity, ambient temperature |
| File format | JPG or RAW |
| Notes to pictures | Voice note (up to 60 s), text, graphical |
| Reports module | Reports to PDF, printing via Wi- Fi directly from the camera, or via PC |
| Video file format | H.264 (with temperature info) |
| Built-in functions | Visual camera 5 MPix, LED flashlight, GPS, laser pointer, microphon, loudspeaker, digital compass, light sensor |
| Interface | Wi-Fi |
| Interfejsy | SD card, LAN 1 Gb/s, mini HDMI, microUSB 2.0 |
| Power | Li-Ion battery (work time >4 hours), built-in charger, AC adapter 110-230 V, 50/60 Hz |
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| Work temperature | 5°F to 122°F / -15°C to 50°C |
| Storage temperature | -40°F to 158°F / -40°C to 70°C |
| Humidity | 10% to 95% |
| Shock / vibration | 25G, IEC 60068-2-29/ 2G, IEC 60068-2-6 |
| Casing | IP54 |
| Weight | 2.9 lbs / 1.3 kg (with battery) |