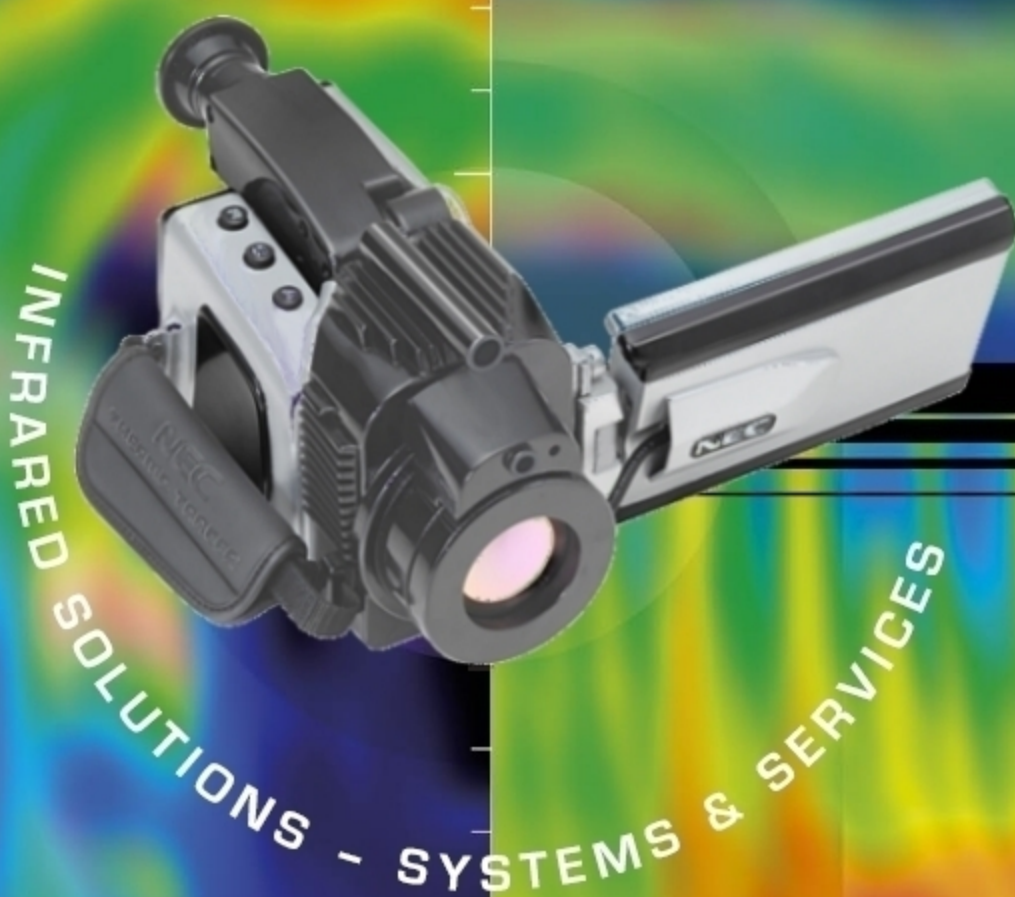


640x480 Fine Pitch
1.3 Mega Pixel Visu



- 5.6" large sized removable LCD
- FireWire high speed Interface
- Remote control panel
- Laser pointer
- Light weight 1.7kg
- 0.6mrad IFOV
- Realtime internal memory
- 8x Zoom

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INFRARED-CAMERA-CONFIGURATOR
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| | | | |
|--|---|---|--|
| Thermo Tracer TH9260 Measuring temperature Range | Range 1: -20°C to 60°C Range 2: -40°C to 120°C Range 3: 0°C to 500°C Range 4: 200 to 2000°C (optional) | | |
| Resolution | 0.06K at 30°C and 30Hz, 0.02K at SN-mode | Voice recording | 30 sec. per image (no Headset needed because built-in IP54-Microphon/Speaker) |
| Accuracy | ± 2°C, ± 2% of reading | Digital Zoom | x2, x4, x6 and x8 |
| Spectral range | 8 to 14 µm | Video output | NTSC/PAL video composite signal, S-video |
| Detector | uncooled Focal Plane Array (uFPA microbolometer) | Interface | USB2, RS-232C, IEEE 1394 <i>FireWire</i> |
| Field of view | 21.7 ° (H) 16.4°(V) | Data memory | CF memory card (SIX, BMP, JPG, MPEG format) |
| Instantaneous F.O.V. | 0.6mrad | Operating temperature & humidity | -15°C to 50°C, 90% RH or less (not condensed) |
| Focusing range | 30 cm to infinity (Macro conditions) | Storage temperature & humidity | -40°C to 70°C, 90% RH or less (not condensed) |
| Frame time | 30 lmg/sec | Power supply | AC adaptor : 100V to 240V DC power supply : 7.2V (nominal) |
| Interval measurement | Movie Recording on internal Memory (6656 Images at max 30 Hz) or MemCard incl. Trigger function | Power consumption | approx. 7W , max. 16W |
| Signal Improvement Mode | Σ2, Σ8 ... Σ64 and Spatial filter on/off | Battery operation | Li-ion battery approx. up to 3h |
| Image pixels | 640 (H) x 480 (V) | Environmental protection | IP-54 (dust proof and splash proof) |
| Digitalization | 16 bits image format | Shock & vibration resistance | Shock: 294 m/sec2 /IEC60068-2-27, Vibration: 29.4 m/sec2 (IEC68-2-29) |
| Env. temp. correction | Provided (including interval NUC) | Dimensions | approx. 110(W) x 110(H) x 210(D) mm (excluding projections) |
| Emissivity correction | 1.00 to 0.10 (0.01 step) | Weight | Camera: approx. 1.7kg, Akku: approx. 250g |
| Display | 5.6 inch removable LCD color view finder | Standard accessories | Grip belt, Neck strap, Battery pack, Battery charger, Compact FlashCard, AC adaptor, Window protection cap, Operation manual |
| Auto functions | •Full auto (level/sensitivity/focus) •Auto focus •Auto level •Auto sensitivity | Integrated digital CCD Video Color Camera | Mix Image Infrared & visual day light image |
| Display functions | •Run/Freeze •Color/ Monochrome (posi/nega) •16, 32, 64, 128, 256 gradations •Rainbow/ Brightness/ Hot iron/ Medical color •Isothermal band display (4 bands) •Infrared and Daylight Photography VideoMix | Photo sensor | 1.3 Mega Pixel (1280 (H) x 1024 (V) pixel) |
| Processing functions | •Multi-point temperature (10 pts) •Multi-point emissivity (10 pts) •Delta Temp. display •Max/min temp. display (full-screen or in-box) •Max/min temp.peak hold (full-screen or in-box) • Alarm (full-screen or in-box) | •Box setting (up to 5 settings) •Spatial filter •Level trace (auto center level control) •X-/Y-Line profile and Wave display •Alert sound und Trigger function •Auto gain control •Text annotation (memo) | |
| Field of view | 34.6° (H) x 25.9° (V) | Exposure | Automatic |
| Min. illumination | 1 lux (no flash light needed) | Video output | NTSC/PAL |
| Focus range | 30 cm to infinity | Laser pointer | Class 2 (1mW/635nm red) |

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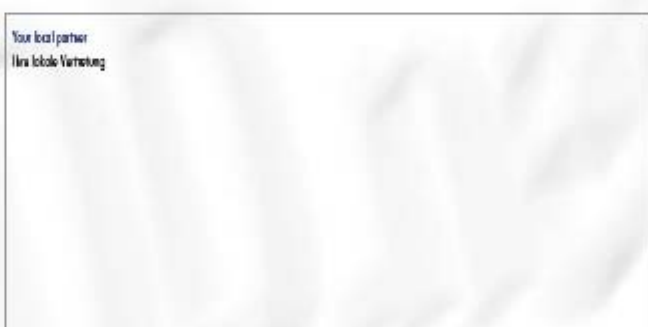
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