compactIR 400
Powerful Entry Level Camera for Building Thermography and Maintenance

Europe’s leading specialist for infrared sensors and measurement technology

Microbolometer detector with (384 × 288) IR pixels
5” touchscreen with (1,280 × 720) pixels,
180° rotatable and 270° revolvable
Up to 70° inclinable lens unit
Temperature measurement range (-20 ... 2,000) °C*
Motor focus with automatic function
Wide range of high-luminosity, interchangeable lenses

1) Rotatable and revolvable display
2) Building thermography
3) Inspection of electrical installations

www.InfraTec.eu
The handheld compactIR 400 thermographic camera extends the segment of the entry level cameras by a detector format of $(384 \times 288)$ IR pixels. The geometrical resolution exceeds those of cameras with standard formats by 1.5 times and means less work for users during the measurements. Apart from the detector format, the thermal resolution also achieves a level that stands out among cameras of this performance class. Temperature differences of 0.045 K can be detected reliably. You can see how easily the compactIR 400 can be operated, for example, when taking overhead thermal images or when inspecting objects that are difficult to access. The lens unit can be tilted up to 70° and thus simplifies work considerably when inconvenient angles impair the perfect shot of a subject. If you want to see whether your shot was successful, this is indicated by the 5” colour TFT display with $(1,280 \times 720)$ pixels, which also serves as a touchscreen and is rotatable up to 180° and revolvable up to 270°. Thanks to this flexibility, the camera is ideally suited for use in the maintenance of mechanical and electrical installations and in building thermography.

The analysis and evaluation of measurement results can be carried out just as conveniently. Users, for example, can generate reports in PDF format already on the camera and print them out immediately. The thermographic IRBIS® 3 software family developed by InfraTec is suitable for more detailed inspections.

<table>
<thead>
<tr>
<th>Lens</th>
<th>Focal length (mm)</th>
<th>FOV (°)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wide-angle lens</td>
<td>13</td>
<td>(41 × 31)</td>
</tr>
<tr>
<td>Standard lens</td>
<td>20</td>
<td>(22 × 16)</td>
</tr>
<tr>
<td>Telephoto lens</td>
<td>40</td>
<td>(10 × 8)</td>
</tr>
</tbody>
</table>