**Specification**

**IRC325 Spot Thermal Camera**

**TEMPERATURE**
- Temperature range: -20°C to 380°C
- Temperature resolution: 0.1°C

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Accuracy *</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°C</td>
<td>±1.5°C or ±1.5% of reading (whichever is greater)</td>
</tr>
<tr>
<td>-10°C to 0°C</td>
<td>±2°C</td>
</tr>
<tr>
<td>&lt;-10°C</td>
<td>±3°C</td>
</tr>
</tbody>
</table>

* Ambient temperature 23 ± 2°C and calibration geometry

Temperature coefficient: ±0.1°C/°C or ±0.1%/°C of reading (whichever is greater)

Repeatability: ±0.1°C or ± 0.5% of reading (whichever is greater)

Response time: <125ms to 95% of reading

Spectral response: 8 to 14 microns

Emissivity setting: 0.95

Distance/spot ratio: 15:1

**Thermal Imaging Detector**
- Type: IR-EX™ Technology (Integrated IR Array Sensor with CMOS Sensor)
- Imaging resolution: 16,384 pixels (128 x 128 pixels)*
- Field of view (H x W): 33°
- Upper sense range: 380°C
- Thermal imaging sensitivity: 150mK

**GENERAL**
- Display: 4.5cm colour TFT (128 x 160 pixels)
- Power: 3 x 1.5V, AA alkaline batteries (IEC LR6, NEDA 15A)
- Battery Life: 16 hours typical
- Auto power off: after 5 minutes

Low battery indication: The low battery symbol is displayed when the battery voltage drops below the operating level

Dimensions: 185 x 54 x 104 mm

Weight: Approx. 250g including batteries

Includes: 3 x 1.5V AA batteries and instructions

**ENVIRONMENTAL**
- Operating environment: -10 to 50°C at <70% R.H.
- 10 to 90% R.H. non-condensing at 30°C
- Storage environment: -20 to 60°C, with batteries removed.
- Altitude: up to 2000m (Operating)
  up to 12000m (Storage)

**SAFETY**
- Conforms to BS EN 61010-1
- Class II, double insulation

**EMC**
- Conforms to BS EN 61326-1

Check out what else you can get from Martindale:
- 18th Edition Testers
- Accessories
- Calibration Equipment
- Continuity Testers
- Electricians' Kits
- Environmental Products
- Full Calibration & Repair Service
- Fuse Finders
- Digital Clamp Meters
- Digital Multimeters
- Labels
- Microwave Leakage Detectors
- Motor Maintenance Equipment
- Multifunction Testers
- Non-Trip Loop Testers
- Pat Testers & Accessories
- Phase Rotation Testers
- Proving Units
- Socket Testers
- Thermometers & Probes
- Test Leads
- Voltage Indicators
- Specialist Megger Testers (4 & 6kV)
- Specialist Drummond Testers