



PRODUCT DESCRIPTION

A Medical Grade Digital Infrared Thermal Imaging system specifically designed and calibrated for optimal use in clinical applications.

BENEFITS

Meditherm supports an extensive network of doctors and technicians worldwide with a unique, end-to-end service.



Advanced detector
core technology



Suitable for any clinic
environment



Maintenance free
with no
consumables



Good bottom line
profits with minimal
investment

For further details contact sales@meditherm.com

Meditherm IRIS 160

FEATURES

Detector: FPA, uncooled (25 μm x 25 μm)
Spectral range: 7 - 13 μm
Optical resolution (IR): 160 x 120 pixels
Frame rate: Up to 120 Hz

Thermal sensitivity: 0.08 K with 23° x 17°.
0.3 K with 6° x 5°. 0.1 K with 41° x 31°
Temperature measurement sensitivity (NETD): 0.01°C

RSS Accuracy: Absolute temperature -
 $\pm 2^\circ\text{C}$ or $\pm 2\%$

**Medical Calibration Accuracy between
20° - 30°:** $< 0.2^\circ\text{C}$. Comparative
measurement sensitivity ΔT - 0.01°C

Auto ambient correction: Standard default
continuous/software controllable

Optics: 23° x 17° 10 mm or 6° x 5° 35.5 mm
or 41° x 31° 5.7 mm or 72° x 52° 3.3 mm

**Temperature range in medical
specification** 17°C to 38°C (scalable via
software)

Ambient temperature: 0°C to 50°C
Storage temperature: -40°C to 70°C

PC interface: USB 2.0 or 3.0

Shock/vibration: 25G, IEC 68-2-29/2G, IEC
68-2-6

Power Supply: USB Powered
PC, Laptop or Tablet running Windows

Relative humidity: 20 - 80%, non
condensing

Additional: WinTES3 camera control and
software.

Optional rechargeable power supply (back-
up laptop or tablet)

Enclosure size: 55mm x 150mm x 250mm
Weight: 1020g (2lb 4oz)

