Meditherm IRIS 640

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

FEATURES

Detector: FPA, uncooled (17 μm x 17 μm)
Spectral range: 7 - 13 μm
Optical resolution (IR): 640 x 480 pixels
Frame rate: 5Hz up to 32 Hz

Thermal sensitivity: 75mK with 33° x 25°, 19mm.
Temperature measurement sensitivity (NETD): 0.01°C

RSS Accuracy: Absolute temperature - ±2°C or ±2%
Medical Calibration Accuracy between 20° - 30°: <0.2°C. Comparative measurement sensitivity ΔT - 0.01°C

Auto ambient correction: Standard default continuous/software controllable

Optics: 33° x 25° 19mm or 15° x 11°, 41.5mm or 60° x 45°, 10mm

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)