IRIS 450/640
Thermal imaging cameras

Fever surveillance camera

• Highest resolution 640 x 480 with 0.01°C sensitivity

• Robust construction for hostile environments

• Selection of the field of view: 11° / 17° / 25° / 32° / 50

• Internal calibration. No requirement for external blackbody source

• Optional 50 m cable for remote operation

• USB power supply via laptop or tablet

• Portable stands that can be dismantled for transport

• Monitor brackets in various configurations

• Optional stand extensions up to 3m

Can be configured for any situation

included options:

• Free-standing widescreen monitor or wide-screen screen on the camera tripod

• Desk setup (camera & lap-top/screen)

• Wall camera with remote control

• Remote operation with Power Pan and Tilt of single or multiple units from a laptop

• Operation with rechargeable backup batteries (20 hours)

• Integration into the existing security equipment, such as at the entrance controls and metal detectors

• Choice of field of view lenses

• Installation and setup service

• Primary screening stations for large crowds

• Secondary screening stations for single individuals

Technical specifications	
Detector	FPA, uncooled (17 µm x 17 µm)
Spectral range	7 -13 µm
Optical resolution	640 x 480 pixels
Framrate	Bis 32Hz
Thermal sensitivity	75mK
Sensitivity of the temperature measurement (comparing Δ)	0.01°C
Temperature range in the medical specification	17°C up to 38°C
Optics	33° x 25°, 19 mm or 15° x 11°, 41.5 mm or 60° x 45°, 10 mm
Accuracy (absolute temperature)	±2°Cor±2%
Accuracy (comparing Δ)	0.01°C PC
Interface	USB 2.0 or 3.0
Ambient temperature	0°C up to 50°C
Storage temperature	-40°C up to 70°C
Relative air humidity	20 -80%, non-condensing
Enclosure size	55 mm x 150 mm x 250 mm
Weight	1020 g (2lb 4oz)
Shock/Vibration	25G, IEC 68-2-29 / 2G, IEC 68-2-6

Power supply:
USB powered. PC, laptop or tablet with Windows WinTES3 camera control and analysis software. Optional rechargeable power supply (backup power for laptop or tablet).

Fever Surveillance Camera

After SARS and Ebola now also the Corona Virus (Covid-19)! The need for security is great. With the fever screening system a preliminary check can already be made.

The systems are easy to use and have an automatically calibrating threshold alarm and a "plug-and-play" device that comes directly from the packaging. The system consists of a high performance thermal imaging camera and cabling, a laptop and custom imaging software.

The fever screening stations can be configured for any situation. For further information or requests, please do not hesitate to contact us.

For more information and other inquiries, please contact us at: **admin@mcmeister.com**

Live demonstrations available
(Online or on location)

The manufacturer reserves the right to improve or adapt the design and technical specifications at any time.

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Subject to technical modifications

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