



# **ELEVATED TEMPERATURE MONITORING**

**COMPLETE  
SOLUTION PACKAGE**

# DO YOU WANT TO SEAMLESSLY PERFORM TEMPERATURE SCREENING?

More and more companies, institutions and authorities use thermal imaging technology as a preventive and warning system. It allows you to measure thermal radiation in the entire monitored area and assign a specific temperature to each pixel of the recorded image.



## All-In-One MOBOTIX M16 Camera

The intelligent video system with an integrated high-performance thermal image sensor takes full advantage of the M16 camera design. Thanks to the two directly adjacent lenses, there is also a thermal overlay function with image overlay (thermal and optical) to pinpoint the exact location of hotspots like smoldering fires in a visible image.



## MOBOTIX S16 PT Camera

The MOBOTIX TR cameras feature a calibrated thermal image sensor. Thermal radiation measurements made across the entire image area can be used to trigger an event based on the temperature increasing above or decreasing below an individually set trigger level (camera alarm, network message, activation of a signal output etc.).

## 1 ELEVATED TEMPERATURE ALARM

- The system indicates clearly when a set temperature threshold is exceeded
- Pop-up screen, e-mail and many more kinds of notifications

## 2 INSTANT NON-CONTACT MEASUREMENT

- The temperature measurement takes less than a second
- For maximum safety, the temperature measurement is performed from a distance.

## 3 HIGH ACCURACY

- The displayed temperature measurement resolution is 0,1°C.
- The measurement accuracy can be as high as 0,3°C given the right conditions
- Temperature measurement range is from -40 to +550°C.

## 4 MEASURE MULTIPLE OBJECTS SIMULTANEOUSLY

- Up to 20 different temperature events can be configured simultaneously in so-called TR windows

## 5 VARIOUS APPLICATIONS

- Commercial buildings
- Industrial plants
- Healthcare
- Schools
- Many more...

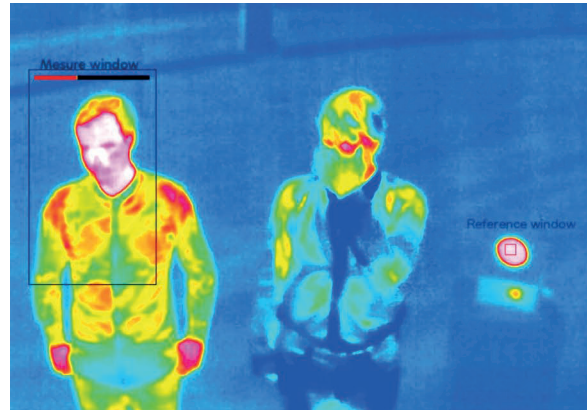
## VISUAL AND THERMAL IMAGE

Being equipped with two lenses - thermal and visual - allows the system to deliver two kinds of images. The former performs temperature measurement and the latter provides a clear image to identify the object that raised the alarm.



## PRIVACY PROTECTION

The temperature measurement can be performed by the camera itself, without the need of a recorder or a computer. Konica Minolta's temperature screening solution is GDPR compliant.



## READY TO IMPLEMENT AUTONOMOUS ALL-IN-ONE SYSTEMS

Mobile, autonomous temperature screening systems can be equipped with a battery to be fully portable.

- M16B Thermal camera
- Optical sensor 6MP (color)
- Mobile trolley
- Telescopic camera arm (from 1.80m to 2.20m)
- All-in-one computer with a mouse & keyboard
- DIN rail mounted MxSwitch
- LCD 24" monitor



**Person/object detection**



**0,1°C temperature measurement resolution**



**Automatic alerts upon detection of a temperature above or below a set threshold**



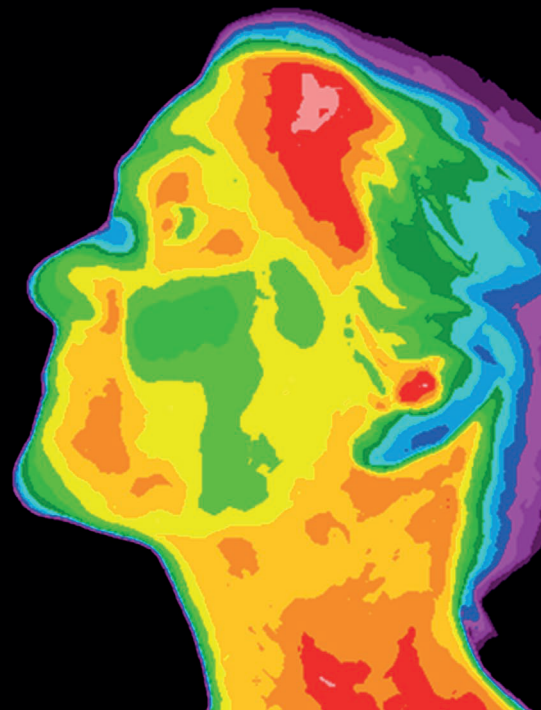
**Event triggering (alarm, system pop-up, alarm output activation)**



**Image display in special TR windows**



**Temperature range: -40 to +550°C**



# MODEL CALCULATION

## Temperature screening station

Mobotix camera – Body	
Thermographic sensor	
Visual sensor	
Software	
4 GB SD card	
PoE switch	
Installation materials (for wall mounting)	
Black Body	
3 year warranty	
<b>Package price</b>	<b>6 700 EUR</b>
Installation and service	500 EUR



» My employees' health is the most important «  
Factory owner

## Medical thermometer      Thermal camera

Measurement distance	3 cm	1-5 m
Time needed to screen 100 persons	60 minutes	3 minutes
Record keeping	notepad	video recordings
Measurement precision	+/- 0,3°C	+/- 0,1°C



MOBOTIX M16



MOBOTIX S16

