



Certified  
**CNPP**

# Technical Specifications

## MOBOTIX Thermal-Heat-Detection App

### MOBOTIX Thermal Heat Detection App

Approved by the CNPP. Suitable for early fire detection and reliable monitoring of critical areas. Monitor multiple temperature ranges with high accuracy on a single camera image and define different escalation levels. Connection to existing systems and integration into projects is a breeze.

- Extension of the temperature measurement functions of MOBOTIX Thermal Radiometry cameras (according to CNPP France 19005 certification)
- Definition of up to 20 temperature measurement areas within the field of view of the camera
- Individual calibration of each temperature measurement area (e.g. emissivity values)
- Temperature events when defined temperature thresholds are exceeded
- Detection of physical manipulation of the thermal sensor (e.g. covering the sensor )
- MOBOTIX events via MxMessageSystem
- Required for the installation of a CNPP-certified thermal camera

 HEVC Advance™

BeyondHumanVision

**MOBOTIX**

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### MOBOTIX Thermal-Heat-Detection App

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#### Best suited for the requirements of the following industries:

Utilities, Energy & Mining; Industry & Production, Government, Traffic & Transportation, Retail, Healthcare, Education & Science

## Product Information

Product Name	MOBOTIX Thermal-Heat-Detection App
Supported MOBOTIX Cameras	M73 (Thermal Radiometry Sensor required)
Minimum Camera Firmware	V7.3.1.x
MxManagementCenter Integration	<ul style="list-style-type: none"><li>min. MxMC v2.7</li><li>Advanced Config license required</li><li>Event Search: Smart Data Interface license included</li></ul>
MOBOTIX HUB compatibility	<ul style="list-style-type: none"><li>min. MOBOTIX HUB version: 2021 R1<ul style="list-style-type: none"><li>min. license level for Analytics Events: L2</li><li>min. license level for MOBOTIX Event Search Plug-In: L4</li></ul></li><li>MOBOTIX HUB version: 2022 R3<ul style="list-style-type: none"><li>min. license level for Analytics Events: L2</li><li>min. license level for MOBOTIX Event Search Plug-In: L2</li></ul></li></ul>
Trial license	30-day trial license pre-installed

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## Product Features

App Features	<ul style="list-style-type: none"><li>Extension of the temperature measurement functions of MOBOTIX Thermal Radiometry cameras (CNPP 19005 compliant)</li><li>Definition of up to 20 temperature measurement areas within the field of view of the camera</li><li>individual calibration of each temperature measurement area (e.g. emissivity values)</li><li>Temperature events when defined temperature thresholds are exceeded</li><li>Detection of physical manipulation of the thermal sensor (e.g. sensor covered)</li><li>MOBOTIX events via MxMessageSystem</li></ul>
Maximum number of measurement areas	20

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Supported thermal sensor types	Thermal Radiometry
Dual / Multi Sensor usage	Yes
MxMessageSystem supported	Yes
MOBOTIX Events	Yes
ONVIF Events	Yes (Generic Message events)

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## Scene Requirements for Object Recognition

Recommended camera position no restrictions

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## Technical App Specifications

Synchronous / Asynchronous App	Asynchronous
Detection accuracy	Depending on the thermal sensor module used
Simultaneous execution of other apps	Yes (depending on performance expectations)

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