



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



BeyondHumanVision

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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">min. MxMC v2.7Advanced Config license requiredEvent Search: Smart Data Interface license included
MOBOTIX HUB com- patibility	<ul style="list-style-type: none">min. MOBOTIX HUB version: 2021 R1min. MOBOTIX HUB license level for Analytics Events: L2min. MOBOTIX HUB license level for MOBOTIX Event Search Plug-In : L4
Trial license	30-day trial license pre-installed

Product Features

App Features	<ul style="list-style-type: none">Extension of the temperature measurement functions of MOBOTIX Thermal Radiometry cameras (CNPP 19005 compliant)Definition of up to 20 temperature measurement areas within the field of view of the cameraindividual calibration of each temperature measurement area (e.g. emissivity values)Temperature events when defined temperature thresholds are exceededDetection of physical manipulation of the thermal sensor (e.g. sensor covered)MOBOTIX events via MxMessageSystem
Maximum number of meas- urement areas	20
Supported thermal sensor types	Thermal Radiometry
Dual / Multi Sensor usage	Yes

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MxMessageSystem supported	Yes
Integration Interfaces	<ul style="list-style-type: none">■ Milestone X-Protect (via XML)■ Generic 3rd party integration through XML, JSON and MODBUS/TCP
MOBOTIX events	Yes
ONVIF Events	Yes (Generic Message events)

Scene Requirements for Object Recognition

Recommended camera position	no restrictions
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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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