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

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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	- min. MxMC v2.7 - Advanced Config license required - Event Search: Smart Data Interface license included
MOBOTIX HUB compatibility	- min. MOBOTIX HUB version: 2021 R1 - min. MOBOTIX HUB license level for Analytics Events: L2 - min. MOBOTIX HUB license level for MOBOTIX Event Search Plug-In : L4
Trial license	30-day trial license pre-installed

Product Features

App Features	- 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 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. sensor covered) - MOBOTIX events via MxMessageSystem
Maximum number of measurement areas	20
Supported thermal sensor types	Thermal Radiometry
Dual / Multi Sensor usage	Yes

MxMessageSystem supported	Yes
MOBOTIX Events	Yes
ONVIF Events	Yes (Generic Message events)

Scene Requirements for Object Recognition

Recommended camera position	no restrictions

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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