



# SMOKECATCHER

VIDEO SMOKE DETECTION FOR CRITICAL ENVIRONMENTS



# SMOKECATCHER

BECAUSE WAITING FOR THE SMOKE IS NOT ALWAYS AN OPTION

## ARE YOU USING TRADITIONAL SMOKE DETECTORS IN ONE OF THESE ENVIRONMENTS? THEN, THINK AGAIN.

### Great heights

In tall buildings or large indoor spaces, smoke might never reach your traditional smoke detector, because of a process called stratification, which stops the upward movement of smoke.

### Harsh environments

Are chemicals, dust or vapor part of your business? Then these might activate your traditional smoke detection solution, resulting in unwanted alarms.

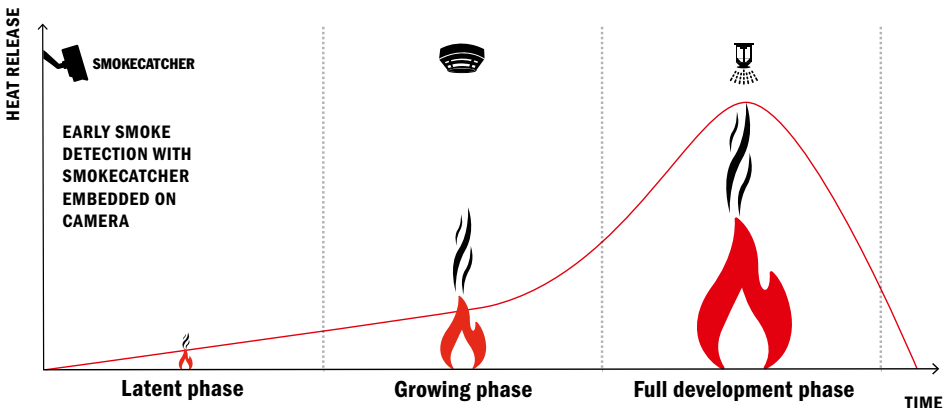
### High-impact and high-risk environments

Even a small fire can have big consequences, both in high-impact (e.g. art museums, airplane hangars) and high-risk environments (e.g. chemical plants). Traditional smoke detectors might only get activated when the damage is already done.



## VIDEO SMOKE DETECTION SEES IT FIRST.

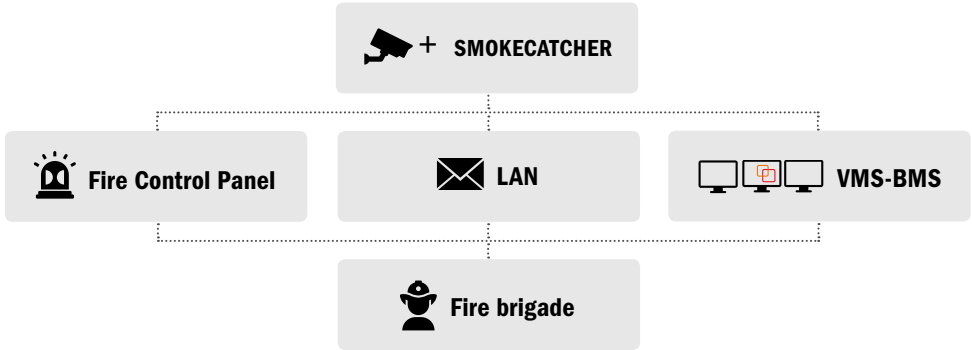
SmokeCatcher does not need to make physical contact with the smoke. The system can sense starting smoke fumes from large distances. This **saves many valuable seconds**, which can be used to take action before a major accident happens.



## LOW FALSE ALARM RATE

Unwanted alarms will interrupt your business continuity and cost you money. In the long run, you will lose confidence in a system that continually generates unnecessary alarms. **SmokeCatcher is resistant against most factors that cause unwanted alarms** with traditional smoke detectors, and will efficiently filter out things like dust, vapor or chemicals.

## EASY INTEGRATION INTO YOUR EXISTING FIRE INSTALLATION



## VISUAL VERIFICATION

- Exact location of the incident
- Information on presence of people/victims and nature of combustion
- Real-time progress of the incident
- Pre- and post-incident evidence

## GUARANTEED FIRE SAFETY

### Reliable detection & system

You can trust SmokeCatcher to detect early smoke development at all times. But not only the system's proven intelligence will offer you peace of mind. SmokeCatcher also connects seamlessly with your well-known fire panel or video management system, guaranteeing you 100% uptime.

### Edge-based analytics and storage

SmokeCatcher's analytics functionality has been integrated into the camera. This means that the video stream does not need to be transmitted over the network. This does not only reduce your network traffic load, it also means that the network is not a weak link in your communication chain.

### Self-test

SmokeCatcher has a self-test functionality. This is a real-time health check that enables the device to notify when it is out of order or when detection is impossible, e.g. when the view is obstructed.

**SMOKECATCHER**  
**WHEN SAFETY IS A MATTER OF SECONDS**

SmokeCatcher from video analytics specialist Araani is a reliable early warning system for smoke detection in critical environments. SmokeCatcher offers superfast smoke detection in places where traditional smoke detection will be ineffective.

## TECHNICAL SPECIFICATIONS

Description	ARAANI SmokeCatcher
Type Detector	Smoke detector in visual spectrum for covered areas
Compatible cameras	Axis Q1614(-E), Axis P3364(-LVE), Axis P1354(-E)
Power	<p><b>Q1614-E and P1354-E</b></p> <ul style="list-style-type: none"> <li>• 8-28 VDC</li> <li>• PoE (IEEE 802.3af) max. 12.95 W or High PoE max. 25.5 W</li> </ul> <p><b>P3364-LVE</b></p> <p>PoE (IEEE 802.3af/802.3at Type 1 Class 3), max. 12.1 W</p>
Protection class	IP66, NEMA 4X-rated, IK10 impact resistant
Temperature range	Q1614-E and P1354-E: -40 °C to 50 °C P3364 LVE: -40 °C to 55 °C
Humidity	10-100% RH (condensing)
Light conditions	Minimum 15 lux uniform illumination
Range	Dependent on set-up, type of lens and mounting height
Events	Fault Signal (Self-test), Power Failure, Pre Smoke Alarm, Smoke Alarm

## CONTACT