BOSCH
Invented for life

See it before it spreads.

AVIOTEC series
Video-based fire detection

VdS
G217090

A unique vision of fire detection

The main difficulties of today's fire alarm systems are the early detection as well as the distinction of alarm sources like fire and smoke from other disturbances.

Bosch's AVIOTEC system delivers more accuracy than any other video-based fire detection platform on the market. The VdS-proven camera technology and intelligent software algorithms analyze the video footage directly in the camera. There is no additional processing unit needed, reducing installation efforts and costs.
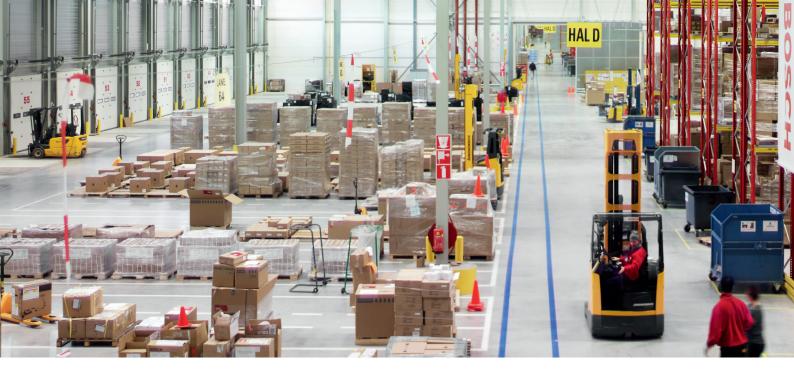

At a glance

▶ **Detection of flames and smoke**
Identify even hidden fires, smoldering fires and burning liquids.

▶ **Fast detection at the source**
Detect fires where they start, speeding up reaction times, improving rescue response and minimizing damage at the site.

▶ **No masking necessary**
Detect fires using the camera's entire field of view in most cases.

▶ **Intelligence in camera**
Detect disturbances using raw data with no transmission or compression.

▶ **Live streaming**
Monitor environments live and speed up rescue response times.

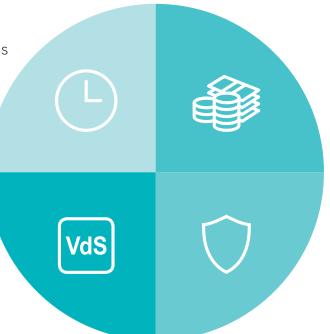▶ **Video storage**
Perform root-cause analyses with recorded videos.

Fast detection

▶ Advanced unique algorithms
▶ Rapid detection at source
▶ Minimizes damage

Costs savings

▶ Less equipment
▶ Easier installation

VdS-certified

Worldwide first video-based fire detection system with a certificate by Europe's biggest institute for corporate safety VdS

Robust Intelligence

▶ Intelligently filters out disturbances
▶ Nearly no false alarms

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Discover more about Bosch's new intelligent video-based fire detection system: www.boschsecurity.com

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