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COMPREHENSIVE SAFETY –
FOR COMPLETE PEACE OF MIND

The DLF150 linear smoke detector

DLF150 LINEAR SMOKE DETECTOR

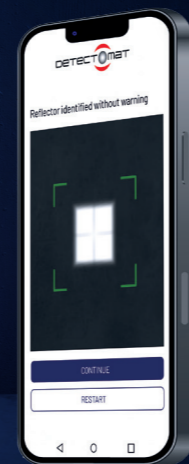
Rapid early detection of fire outbreaks

Linear smoke detectors are ideal for monitoring large internal spaces, such as halls and production facilities, where the time and costs associated with installing and maintaining point fire detectors would be very high due to the production downtimes involved.

They are also an excellent choice for buildings where the installation of point fire detectors is not permitted, such as historical buildings with decorative ceilings or premises where the ceiling height is over 12 m.



DLF150 LINEAR SMOKE DETECTOR



APP-BASED COMMISSIONING for optimal system alignment

Key features at a glance

- Integrated high-performance infrared camera
- Reflectors/prism mirror suitable for distances of 60 m, 120 m and 150 m
- Optimal alignment of transmitter unit and prism mirror thanks to visual display function in smartphone app
- Monitoring area of 1400 m² (in line with DIN VDE 0833-2)
- Max. distance between transmitter unit and reflectors of 150 m
- Status LEDs on front of unit
- Available with and without integrated heating
- App-based commissioning (iOS/Android compatible)
- Slot for laser pointer as additional alignment tool
- High IP rating of IP54
- VdS approval: pending

The DLF150 linear smoke detector
from Detectomat:

ALMOST INVISIBLE
BUT ALWAYS MONITORING!

A flexible and effective solution
for wide-ranging use cases



LARGE HALLS



AIRCRAFT HANGERS



LISTED BUILDINGS
(E.G. MUSEUMS AND CHURCHES)



INDUSTRIAL FACILITIES



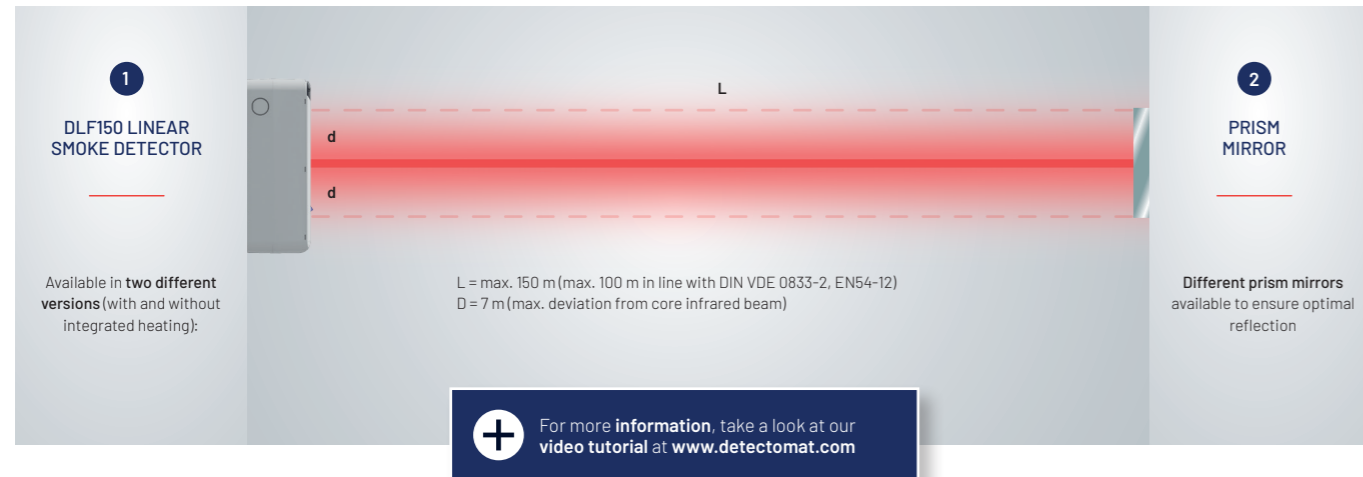
SHOPPING CENTRES

HOW IT WORKS

Monitoring over large areas

The DLF150 linear smoke detector is specially designed for monitoring fire outbreaks over large areas. Thanks to an infrared beam – invisible to the human eye – between the transmitter unit and reflectors (prism mirror), the detector can quickly identify smoke build-up in the monitoring area and trigger an alarm. As smoke builds up

or aerosol levels increase, these particles pass across the infrared beam, obscuring the reflected light signal. This change in light signal is evaluated by the transmitter unit and the alarm triggered as soon as the threshold value defined by the user is exceeded.



SMART APP-BASED CONTROL

Android and iOS compatible

The new 'My Beam' app can be used to commission the DLF150 linear smoke detector and also perform servicing and maintenance tasks.

