

SOTERIA[®]
DIMENSION



DETECTION
> REFINED

Welcome to the next generation
in fire detection.

With an innovative flush-mounted
design and chamberless technology,
the Soteria Dimension Optical Detector
blends seamlessly into its environment,
making it ideal for interiors requiring
a premium aesthetic.

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Soteria Dimension is brought
to you by Apollo Fire Detectors,
the UK's leading manufacturer of
fire detection and alarm devices.
With a global reputation for
innovation, quality and reliability,
Apollo products keep people safe
from fire in over 100 countries
around the world.

HOW DOES IT WORK?

- > Soteria Dimension incorporates unique
optical sensors that streamline the
design and enable flush mounting.

Using a combination of infra-red LEDs
and photo-diodes, the sensors detect
smoke particles, while chamberless
technology eliminates dust and insect
ingress to reduce false alarms.

Available in white with a hygienic wipe-
clean finish, Soteria Dimension is ideal
for high-end interiors, from private
homes, luxury hotels and designer shops
to restaurants, galleries and bars.



Soteria Dimension complies with
the European Standards EN54 Part 7
for optical detectors and EN54
Part 17 for isolators. Additional
approvals include:





FEATURES & BENEFITS MAXIMUM PROTECTION : UNIQUE DESIGN

01

Delivers the **highest level of fire safety**, effectively detecting smoke particles using optical sensors.

02

Flush-mounted design enables Soteria Dimension to **blend in seamlessly with its surroundings**.

03

Chamberless technology eliminates dust and insect ingress to **minimise false alarms**.

04

Integrated switchable isolator incorporated as standard.

05

Supports all three levels of the Apollo Protocol – XP95, Discovery and CoreProtocol – **enabling backward compatibility**.

06

Comprehensively tested to **exceed EN54 standards**.

07

Available in white to look sleek, polished and refined.

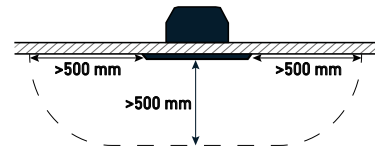
08

Easy, wipe-clean finish to **maintain high standards of hygiene**.

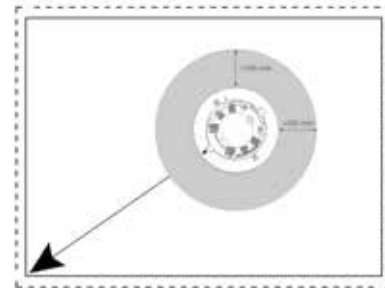
INSTALLATION GUIDELINES

> Soteria Dimension fits flush to the ceiling with minimum intrusion, looking streamlined and discrete. For optimal performance, we recommend the following guidelines.

- Site in rooms larger than 1m x 1m in accordance with BS5839-1.
- Position the detector away from other objects, such as air con filters, lights and doors.
- Minimum clearance must be 500mm on all sides.
- Avoid areas exposed to steam and high levels of dust or fumes, such as bathrooms, kitchens and rest rooms.



Leave 500mm clearance on all sides of the detector.



Position the detector to face the longest clear line of sight – the commission label on the faceplate will help you define the correct orientation.

WE'RE HERE TO HELP

Find your comprehensive installation guide and datasheet online at apollo-fire.co.uk/dimension

For installation, siting, maintenance and testing 'how-to' videos, please visit www.youtube.com/user/ApolloFireDetectors

For further support and enquiries, call our friendly team on **+44 (0)23 9249 2412**



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KEEPING YOU SAFE FROM FIRE. ALWAYS.

Our purpose is simple; to keep people safe from fire every second of every day.

We specialise in the design and manufacture of high-quality fire detection solutions that protect people from fire in over 100 countries around the world. We are proud to be a part of Halma, a FTSE 50 global group of life-saving technology companies.

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