

SOTERIA[®]
DIMENSION



**DETECTION
> SECURED**

SOTERIA® DIMENSION

**Welcome to the next generation
in fire detection.**

With an innovative flush-mounted design and chamberless technology, the Soteria Dimension Specialist Optical Detector is designed with an anti-vandal and anti-ligature metal faceplate to protect the most vulnerable in care and custody.



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Soteria Dimension Specialist 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 Specialist 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.

The shock-resistant metal faceplate is fitted with anti-tamper screws, ensuring that the detector is completely secure. Designed to minimise safety hazards in healthcare and custodial environments, it can be used in hospitals, contingency wards, quiet rooms, mental health wards and prisons.



Soteria Dimension Specialist complies with the European Standards EN54 Part 7 for optical detectors and EN54 Part 17 for isolators. Independently certified to DHF TS001 for anti-ligature use in specialist areas. 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 fitted with anti-tamper screws to **resist interference or damage**.

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

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

07

Comprehensively tested **to exceed EN54 standards**.

08

Designed and tested to meet the requirements of **Ministry of Justice specifications STD/E/SPEC/038**.

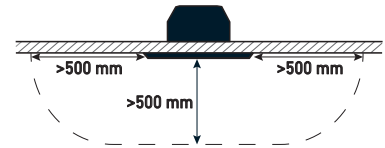
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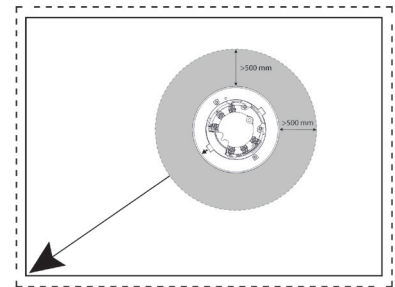
INSTALLATION GUIDELINES

> **Soteria Dimension Specialist fits flush to the ceiling with minimum intrusion and is secured with anti-tamper screws. 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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