OSID

OSID
Open-area Smoke Imaging Detection



Product Overview

Open-area Smoke Imaging Detection (OSID) by Xtralis is a new innovation in projected beam smoke detection technology. By using advanced dual wavelength projected beams and optical imaging technology for early warning smoke detection, OSID provides a cost-effective, reliable and easy-to-install solution that overcomes typical beam detection issues such as false alarm incidents and alignment difficulties.

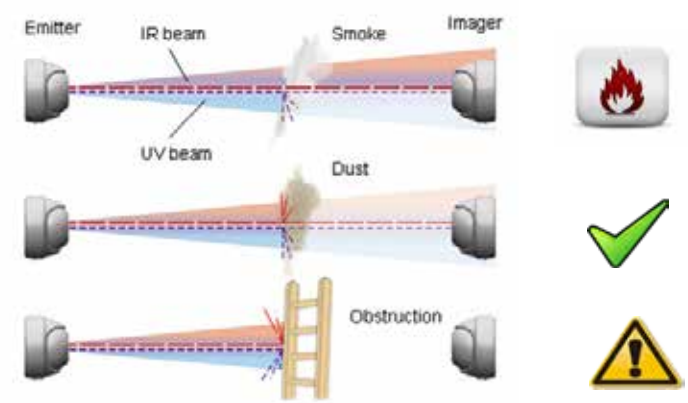
Key Features and Benefits

- Patented dual wavelength, UV & IR, particle detection
- CMOS imager with wide viewing angles
- Simple installation, commissioning and maintenance
- High tolerance to vibration and structural movement
- High resistance to dust, fogging, steam, reflections and object intrusion
- High resistance to reflected sunlight
- On-board log memory
- Software tool for diagnostic purposes
- Aesthetically discreet and 3D coverage
- Long range up to 150 m (492 ft.) with minimal free space (dia. 15 cm (5.85 inch))

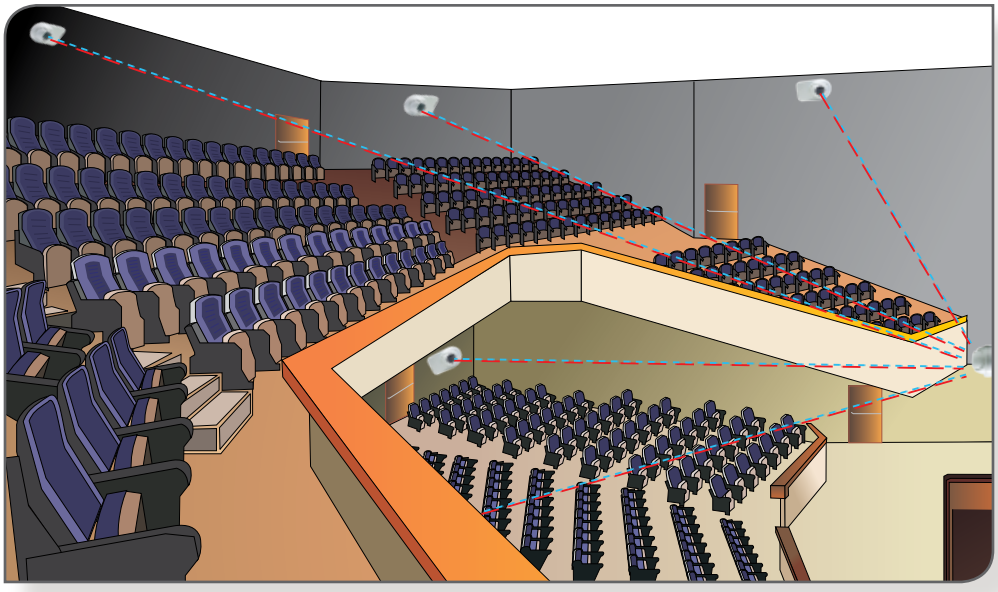
Suitable Applications

- Airports
- Train stations
- Shopping centers
- Stadiums
- Educational facilities
- Hotels, convention centers and office buildings/complexes
- Entertainment venues
- Warehouses and production floors

One-on-one application and theory of operation



Typical Multi-Emitter application



Part Number List

OSID Part Numbers	
OSI-10	**Imager 8° FOV** Distance 30-150 m with OSE-SP-01 and OSE-SPW. This configuration is for a 1 on 1 system. The OSI-10 is not suited to work with High Powered Emitters.
OSI-90	**Imager 80° FOV** Distance 6-34 m with OSE-SP-01 and OSE-SPW Distance 12-68 m with OSE-HPW Distance 12-50 m with OSE-HP-01 The OSI-90 can operate with up to 7 Emitters.
OSE-SP-01	Emitter battery powered-alkaline battery
OSE-HP-01	Emitter High Power battery powered-alkaline battery
OSE-SPW	Emitter Wired 24 Vdc
OSE-HPW	Emitter High Power Wired 24 Vdc
OSID-INST	OSID Installation Kit
VKT-301	OSID Demo kit
OSP-001	FTDI Cable 1.5m
OSP-002	Laser Alignment tool
OSID-WG	Wire Guard
OSID-EHI	Imager Environmental Housing
OSID-EHE	Emitter Environmental Housing
OSE-ACF	Anti-condensation film for Emitters
OSEH-ACF	Anti-condensation film for OSID-EH housings
OSID Diagnostic Tool	Diagnostic software package
OSE-RBA	Emitter replacement battery Alkaline
OSI-LS	Light shield for Imagers

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