

OSID Project Reference List

Open-area Smoke Detection Reinvented

OSID by Xtralis is technology designed specifically for large, open-area environments, enabling early detection and response to save lives and prevent service disruptions. OSID uses a sophisticated algorithm to map and compare the strength of infrared (IR) and ultraviolet (UV) light signals from detectors configured in the space.



Unique, Flexible Detection Coverage Technology

OSID by Xtralis innovatively combines two technologies to reliably detect smoke in large, open spaces.

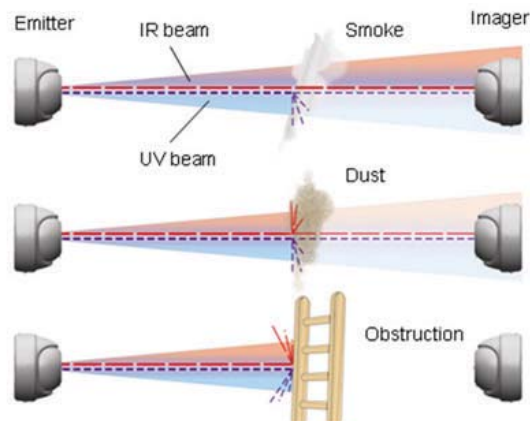


Dual-wavelength Particle Detection

By using two wavelengths of light to detect particles, the system is able to distinguish between particle sizes. The shorter UV wavelength interacts strongly with both small and large particles, while the longer IR wavelength is affected only by larger particles. Dual-wavelength path loss measurements therefore enable the detector to provide repeatable absolute smoke obscuration values, while rejecting the presence of dust particles or solid intruding objects. OSID can support up to 7 Emitters with a single Imager making it easy to deploy in unusually shaped areas. Emitters can be placed at different heights to overcome stratification and provide earlier detection.



- » 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)



Europe

Client	Industry	Application
MIVB Metro station	Transportation	Metro Station
LR chemicals	Logistics	Warehouse
Hospital OLV Middelares	Medical	Atrium
TVH	Logistics	Warehouse
H&M	Logistics	Warehouse
Bus Shelter Berlin	Transportation	Bus Shelter
Schmitt Logistik Gersthofen	Logistics	Warehouse
Coca Cola	Manufacturing	Warehouse
Busbahnhof Britz in Berlin	Transportation	Bus Depot
Cummins (Romania)	Industrial	Manufacturing facility
MacFarlane (UK)	Manufacturing	Manufacturing Facility
Palasport Verona (Italy)	Leisure	Sporting Arena
Makro, Cichy	Logistics	Warehouse
Air Berlin	Transportation	Airport
A La Ronde National Trust Building	Heritage	Atrium
BBC Headquarters	Telecommunications	Car Park
Banham Poultry	Agricultural	Biomass Plant
Burberry London	Retail	Prestigious Retail Shopping Center

Americas

Client	Industry	Application
Alexandria Police Station	Government	Atrium
Mars pet food	Logistics	warehouse
Clarke County Amphitheatre	Leisure	Amphitheatre
Waterman hospital	Medical	Atrium
Georgia Tech	Leisure	Indoor football facility
Ontario Power Generation	Power Generation	Warehouse
ALDI Food	Logistics	Warehouse
Patron Tequila	Logistics	Warehouse
Texas Performing Arts	Leisure	Auditorium
Boise train station	Transportation	Main Hall
HP/EDS - Plano, Texas	Commercial	Atrium
NBA Arena	Leisure	Sports Arena
Oklahoma State Arena	Leisure	Sports Arenas
LA Convention Center	Leisure	Convention Center
Walmart	Logistics	Warehouse
Palacio de Hierro	Retail	Prestigious Retail Department Store
Cinepolis	Leisure	Movie Theatre
Cinemax	Leisure	Movie Theatre
Volkswagon	Manufacturing	Automotive Plant
Kia	Manufacturing	Automotive Plant
ABB Warehouse	Logistics	Warehouse
Meyerhoff Symphony Hall	Leisure	Auditorium
Twin Towers - NY	Utilities	Mechanical Rooms
Woodrow Wilson High School	Education	Gymnasium, Halls, Auditorium

Middle East

Client	Industry	Application
Izmir Adnan Menderes Airport	Transportation	Passenger Terminal
New Doha International Airport	Transportation	Airport Facility
Dubai Mall Kidzania & SEGA area	Theme Park/ Large Open Space	Playing Area
Bourge Innovation Centre	Education	Research Facility
Logistics Warehouse in INDIA	Logistics	Warehouse
Salalah Int'l Airport	Transportation	Passenger Terminal
Mafraq Hospital	Government	Large Open Area (Atrium)
Madinah Int'l Airport	Transportation	Passenger Terminal
ARAMEX Warehouse	Logistics	Warehouse
Panda Hypermarket	Supermarket	Warehouse
Unilever Margarine Factory	Manufacturing	Food Processing
King Saud University	Education	Sports Arena
Saline Water Conversion Corp.	Utilities	Batteries Rooms
Karamah Substation	Utilities	Power Station
Mercedes Bens WH	Show Room	Large Open Space
Pepsi Plant	Manufacturing	Manufacturing facility
IKEA distribution center Dubai	Logistics	Warehouse
Emirates SkyCargo	Transport	Logistics Facilities, Hazardous Storage & Cold Storage

Asia Pacific

Client	Industry	Application
Wrigley Logistice Center	Candy Manufacturer	Warehouse
Zydus Cadela	Pharmaceutical	Warehouse
Hyderabad Bus Depot	Transportation	Bus Depot
Nax Warehouse	Records Storage	Warehouse
Unicharm	Records Storage	Warehouse
Massmart (South Africa)	Retail	Warehouse
UTI Pharmaceutical	Pharmaceutical	Distribution Center
Industrial style mall in Botswana	Retail	Shopping Mall
Builders Warehouse	Retail	Warehouse
On the Dot (Kalahari.net)	Retail	Warehouse
Adcock Ingram Pharmaceutical	Pharmaceutical Manufacturing	Distribution Center
Paarl Media	Commercial	Printing
Midlands Mall	Retail	Shopping Mall
Kurz Production (Malaysia)	Manufacturing	Production
Bukit Panjang Plaza	Retail	Shopping Mall
Petro China (Indonesia)	Utilities/Petrochem	Warehouse
Nestle Kamadaja (Indonesia)	Food	Warehouse
Salvation Army warehouse	Logistics	Food Storage
Iona College	University	Sporting Arena
Catch of the Day	Logistics	Warehouse
Southern Seawater Desalination Plant	Utilities	Plant
Melbourne Park Eastern Plaza	Leisure	Indoor Tennis Court
Virgin Hangar	Transportation	Airport hangar
Perth Arena	Leisure	Sporting Arena
Shell Storage Depot	Utility/Petroleum	Warehouse
The Document Warehouse Group	Document Storage	Warehouse
Honda	Automobile Manufacturer	Plant, Warehouse
ITC	Tobacco	Warehouse
Givaudan	Perfume Factory	Warehouse
IFFCO	Fertilizer	Warehouse
Shanghai International Exhibition Center	Commercial	Large Open Space
Qufu Olympic Center	Leisure	Sports Center
Beijing Metro	Transportation	Metro Public Area
Zhaotong Tobacco	Tobacco	Warehouse
Beijing Inter-Continental Hotel	Commercial	Large Open Space
Beijing EastGate Plaza	Commercial	Large Open Space
Fujian Circus	Leisure	Large Open Space
Kunming Dianchi Exhibition Center	Leisure	Large Open Space
Suzhou Railroad Car Garage	Transportation	Large Open Space
Chengdu Tobacco	Tobacco	Manufacturing Facility
Ningbo Tobacco	Tobacco	Large Open Space
Xinjiang Tobacco	Tobacco	Manufacturing Facility
Shanghai Metro Line12	Transportation	Metro Public Area
Chuxiong Tobacco	Tobacco	Warehouse
Yunnan Shizong Tobacco Leaf Redry Factory	Tobacco	Warehouse
Fujian Channel Exhibition Center	Leisure	Exhibition Center
Shanghai Science and Technology Center	Commercial	Large Open Space
Yuxi Tobacco	Tobacco	Warehouse
China Academy of Launch Vehicle Technology	Commercial	Large Open Space
Honeywell Warehouse project	Manufacturing	Manufacturing Facility
Sukiada Warehouse Project	Manufacturing	Manufacturing Facility
Shimizu Warehouse Project	Manufacturing	Manufacturing Facility
Semboorp warehouse Project	Manufacturing	Manufacturing Facility
Singha Beer	Food and Beverage	Factory Area Protection
TWH Crane	Heavy Industries	Warehouse/Workshop Area Protection
LTA Office	Government	Office Ceiling Space
PT Vale	Mining	Area Protection
Petro Jambi	Oil & Gas	Warehouse Protection

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