DATA SHEET

IRS36

OBSTRUCTION SENSOR



OVERVIEW

- Protect your fire curtain and other assets from potential damage due to obstructions whilst using our IRS36 Obstruction Sensor System.
- The IRS36 allows for full utility of void areas by staff or occupants of the building, allowing personnel to gather and interact naturally with confidence that in the case of an event their safety will not be compromised.
- Unaware Staff may move furniture and plantings to locations which could potentially obstruct these areas, in which the IRS36 will notify occupants that there are currently objects placed within the proximity of the curtain deployment. These obstructions can cause significant damage should a nuisance alarm activate the curtain to deploy to its fire mode position. This damage can also occur when inexperienced service technicians do not isolate the curtains and begin to test the buildings essential services without checking obstructions have been removed from under the fire curtains.
- The IRS36 Obstruction Sensor will provide an audible alarm to notify of obstructions in the pathway after a pre set period of time, significantly reducing the likelihood of damage to the system. On removal of the obstruction, the IRS36 Obstruction Sensor system will reset.
- Other sensor systems can register smoke as an obstruction and prevent deployment of the barrier in a fire. The IRS36 sensor system is unique and will not cause this conflict, allowing the barrier to both operate as intended and maintain compliance with the Performance Solution at all times.
- The IRS36 Sensor system can reduce or potentially eliminate the need for line markings and multi coloured exclusion zones which take away from the interior aesthetics of your project.
- The automated IRS36 Obstruction sensor is suitable for use on all Smoke Control's fire and smoke curtain systems.

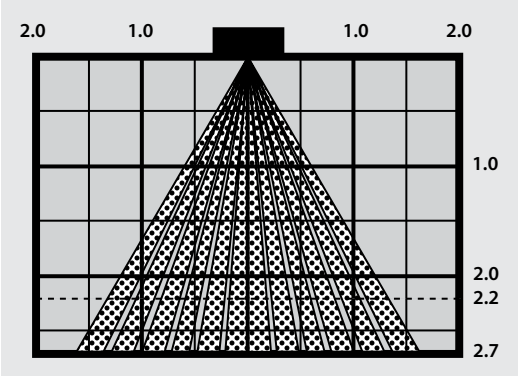
We believe people deserve to work & live in safe & beautiful buildings.

SMOKE CONTROL

T. 1300 665 471
www.smokecontrol.com.au

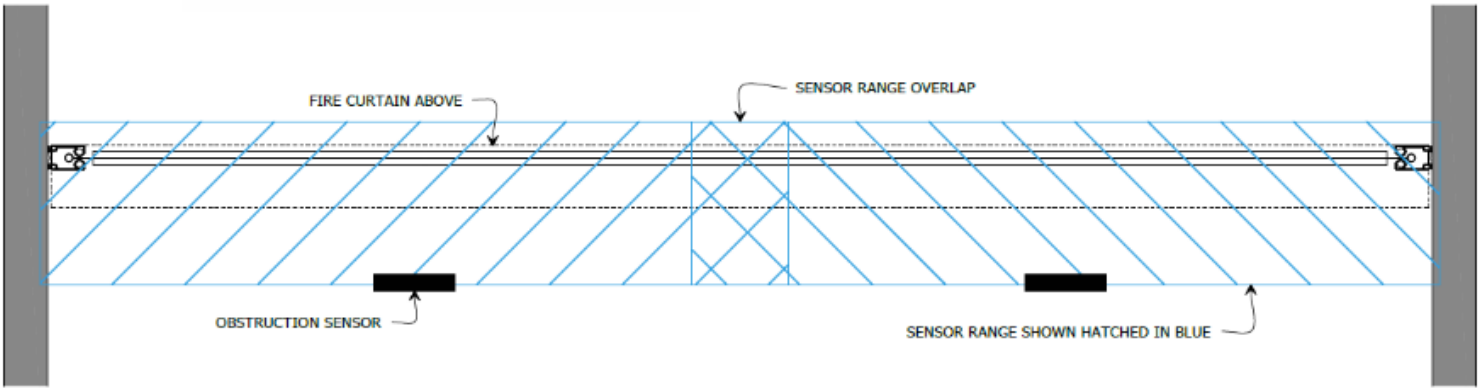
GOLD MEMBER Fire Protection Association Australia
ISO 9001:2015
ISO 14001:2015

IRS36 Obstruction Sensor

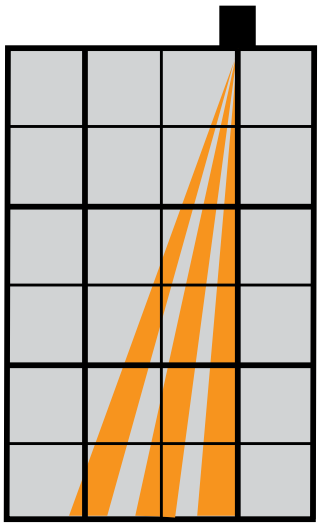


SENSOR TECHNICAL SPECS

- Sensor dimensions: 230mm (W), 70mm (H), 44mm (D)
- Installation height: 2000mm to 3600mm (6'5" to 10')
- Weight: 250g (0.55 lbs)
- IP Rating: IP54
- Power supply: 12V to 24V AC or DC 10%



IRS36 OBSTRUCTION SENSOR FEATURES



- High installation height: The sensor system can be installed at heights of up to 3.6m which allows for most office environments
- The IRS36 sensor system can potentially replace visual and largely ineffective and unsightly exclusion zones.
- Manage your maintenance budgets better: Significantly reduce the likelihood of unexpected damage and associated costs of emergency repairs
- Programmable warning options: Both audible warnings and time limits are programmable to suit your specific environment and desires.
- Options include: Visual warnings in conjunction with or in lieu of audible warnings; BMS output
- Automatic reset; After the obstruction has been removed, the system will automatically reset and resume its normal function without any technical know how required.

SMOKE CONTROL

IRS36 Obstruction Sensor



HOW DOES THE IRS36 OBSTRUCTION SENSOR WORK?

When a solid obstruction is detected under the deployment area of the barrier, the IRS36 sensor system will wait for a specified time delay, then an audio visual signal will notify the occupants that the obstruction must be removed. The system then automatically resets once the obstruction is removed from the deployment area and commences sequence as per normal once the obstruction has been cleared.

SMOKE CONTROL