

Orbis
Optical Smoke
Detector



The Orbis Optical Smoke Detector operates on the well-established light scatter principle. The sensing technology used is radically different from previous optical detectors and significantly reduces false alarms.

Responds well to slow-burning, smouldering fires

Good performance in both black and white smoke

Transient rejection algorithms reduce false alarms

Automatic drift compensation with DirtAlert®, a yellow flashing LED, to easily identify dirty detectors

Red flashing LED at StartUp confirms the device is operating. SensAlert®, yellow flashing LED indicates faulty operation

FasTest® takes just four seconds to test and confirm detectors are functioning correctly

DustDefy system prevents dust ingress while maintaining airflow

ORB-OP-12001-APO
Orbis Optical Smoke Detector

ORB-OP-12003-APO
Orbis Optical Smoke Detector with flashing LED

Orbis
Multisensor
Detector



The Orbis Multisensor Detector benefits from the same false alarm reduction technology as the optical detector, enhanced by the addition of a thermal sensing element.

Responds well to fast-burning, flaming fires

Transient rejection algorithms reduce false alarms

Automatic drift compensation with DirtAlert®, a yellow flashing LED, to easily identify dirty detectors

Red flashing LED at StartUp confirms the device is operating. SensAlert®, yellow flashing LED indicates faulty operation

FasTest® takes just four seconds to test and confirm detectors are functioning correctly

DustDefy system prevents dust ingress while maintaining airflow

ORB-OH-13001-APO
Orbis Multisensor Detector

ORB-OH-13003-APO
Orbis Multisensor Detector with flashing LED

Orbis
Heat
Detector



The Orbis Heat Detector monitors temperature by using a single thermistor which provides a voltage output proportional to the external air temperature.

Can be used for applications where smoke detectors are unsuitable

Ideal in environments that are dirty or smoky under normal conditions

Red flashing LED at StartUp confirms the device is operating. SensAlert®, yellow flashing LED indicates faulty operation

FasTest® takes just four seconds to test and confirm detectors are functioning correctly

Standard:

- ORB-HT-11001-APO** A1R
- ORB-HT-11166-APO** A1S
- ORB-HT-11002-APO** A2S
- ORB-HT-11003-APO** BR
- ORB-HT-11004-APO** BS
- ORB-HT-11005-APO** CR
- ORB-HT-11006-APO** CS

With flashing LED:

- ORB-HT-11013-APO** A1R
- ORB-HT-11167-APO** A1S
- ORB-HT-11014-APO** A2S
- ORB-HT-11015-APO** BR
- ORB-HT-11016-APO** BS
- ORB-HT-11017-APO** CR
- ORB-HT-11018-APO** CS