



Addressable Smoke Detector

Model : PTSASDX501

Datasheet

<http://www.pinetreesystems.com>

Outline



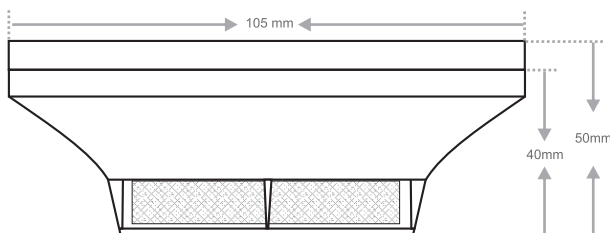
The 501x range of analogue addressable intelligent smoke detector is a sophisticated fire detection device, designed to provide reliable early warning in commercial, industrial, and residential applications. Utilizing advanced photoelectric sensing technology, it can detect the presence of smoke particles generated by smoldering fires. The detector is engineered for optimal sensitivity, ensuring timely detection of smoke while minimizing nuisance alarms. With robust construction and compliance with industry standards, seamless integration of up to 128 detectors on a single loop of 2km can be achieved making it suitable for large installations.

Each device is assigned a unique electronic ID and utilizes digital communication protocol to precisely transmit smoke density levels to the control panel, guaranteeing prompt and dependable response during critical situations.

Features & Benefits

- Low standby current
- Sleek, low-profile design
- Removable cover and insect screen
- Back pressure sealed
- EMI/EMC protection for reliability
- Soft addressing
- 360 degree visibility
- Vandal-resistant Locking

Mechanical Specifications



Technical Specification

Product Class	: Addressable
Sensor	: Photoelectric
Alarm Current	: 25mA
Operating Voltage	: 18-24V DC
Housing	: Polycarbonate
Alarm Output	: RED LED
Operating Temperature	: -10°C to +55°C
Operating Humidity	: <95% Non Condensed

Dimensions

Height with Base	: 50 mm
Diameter	: 100 mm