



# Addressable Multisensor

Model : PTSACDX501

## Datasheet

<http://www.pinetreesystems.com>

### Outline



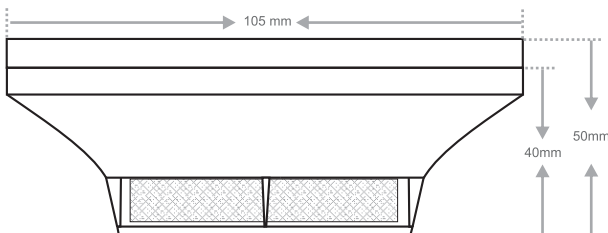
The 501x range of analogue addressable intelligent multisensor detector is a sophisticated fire detection device, designed to provide reliable early warning in commercial, industrial, and residential applications. With advanced photoelectric and temperature sensors, these detectors swiftly detect and respond to smoldering fires. The detector is engineered for optimal sensitivity, ensuring timely detection of smoke while minimizing nuisance alarms. Robust construction and compliance with industry standards, enable seamless integration of up to 128 detectors on a single loop spanning 2 kilometers, ideal for large-scale 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

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

#### Dimensions

<b>Height with Base</b>	: 50 mm
<b>Diameter</b>	: 100 mm