Addressable-IOT

POE Enabled Smoke Detector

Datasheet

Model : PAIPSDWE901X

http://www.pinetreesystems.com



POE WiFi MODBUS

Outline

IP-based Smoke Detector is an innovative device designed to enhance fire detection and emergency response capabilities. The cutting-edge photoelectric detector is engineered with Power over Ethernet (PoE) technology, seamlessly integrating both power and data transmission over the network. Furthermore, it provides built-in Wi-Fi connectivity and supports a secondary power source ensuring integration in a variety of environments.

With support for the Modbus TCP/IP protocol, this smoke detector enables efficient data communication and integration with industrial and building automation systems. Engineered for modern safety infrastructure, the IP-Based Smoke Detector represents a significant advancement in fire protection technology, ensuring seamless interoperability with a wide range of smart devices and networked systems.

Features

- POE Enabled
- Mobile Alerts
- Modbus TCP/IP Protocol
- Low standby current
- Built in Access Point
- Sleek, low-profile design
- Removable cover and insect screen

Technical Specification

Product Class	: IP Based - POE - Addressable
Sensor	: Photoelectric
Power Supply	: POE / 9V Battery
Housing	: ABS / PC
Alarm Output	: RED LED
Operating Temperature	: -10°C to +55°C
Operating Humidity	: <95% Non Condensed
Addressing Method	: Electronic
Connectivity	: RJ45 / WiFi
Network Protocol	: UDP/TCP-IP/Modbus
Standards	: 802.3af / 802.3at