



Photoelectric i3 Series 2-Wire Smoke and Heat Detector

2WT-B

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The System Sensor 2WT-B is a 2-wire, photoelectric i3 smoke and heat detector. System Sensor i3 series smoke detectors represent a significant advancement in conventional detection. The i3 family is founded on three principles: installation ease, intelligence, and instant inspection.

The i3 line redefines installation ease with its plug-in design. This allows an installer to pre-wire bases (included with heads). The large wire entry port and in-line terminals provide ample room for neatly routing the wiring inside the base. The base accommodates a variety of back box mounting methods as well as direct mounting with drywall anchors. To complete the installation, i3 heads plug into the base with a simple Stop-Drop 'N Lock action.

i3 detectors offer a number of intelligent features to simplify testing and maintenance. Drift compensation and smoothing algorithms are standard with the i3 line to minimize nuisance alarms. 2-wire i3 detectors can generate a remote LED indicated maintenance signal when connected to the 2W-MOD2 loop test/maintenance module or a panel equipped with the i3 protocol. The SENS-RDR, a wireless device, displays the sensitivity of i3 detectors in terms of percent-per-foot obscuration.

The i3 series provides wide-angle red and green LED indicators for instant inspection of the detector's condition: normal standby, out-of-sensitivity, alarm, or freeze trouble. When connected to the 2W-MOD2 loop test/maintenance module or a panel with the i3 protocol, the EZ Walk loop test feature is available on 2-wire i3 detectors. This feature verifies the initiating loop wiring by providing LED status indication at each detector.

Features

- Plug-in detector line, mounting base included
- LargeWire entry port
- In-line terminals with SEMS screws
- Mounts to octagonal and single-gang back boxes, 4-square back boxes, or direct to ceiling
- Stop-Drop 'N Lock attachment to base
- Removable detector cover and chamber
- Built-in remote maintenance signaling
- Drift compensation and smoothing algorithms
- Simplified sensitivity measurement
- Wide-angle, dual-color LED indication