

Now Hear This



Continuing to redefine conventional smoke detection:

The **i³** Series...Now with Temporal Tone Sounder and Form C Relay!



The **i³** Series features a complete line of smoke detectors and accessories:

The **i³** Series now features a complete line of smoke detectors. Standard, Sounder, Auxiliary Form C Relay and Isolated Thermal – the choice is now yours.

Standard

Most applications call for a standard detector. Whether the installation is an office building, retail establishment, hotel or residence, the **i³** Series installs easily, reduces nuisance calls, and dramatically reduces inspection and scheduled maintenance costs.

Auxiliary Form C Relay

When controlling auxiliary functions such as elevator recall or door closure, the **i³** Series offers both two- and four-wire Form C relay models, available either with or without an integral sounder.

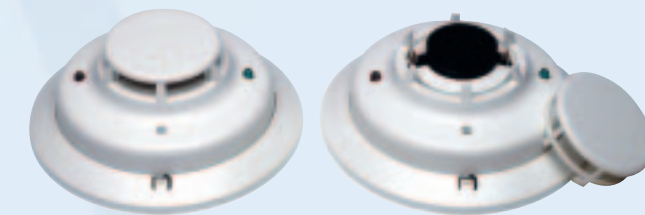
Sounder

Should the application require an audible output, the **i³** Series now offers two- and four-wire sounder models. Ideal for residential applications, these units generate an 85 dBA temporal tone and can easily be synchronized with the **i³** reversing relay/synchronization module.

Isolated Thermal

To differentiate between a local and a general alarm, the **i³** line offers an isolated thermal model. Ideal for dormitories, retirement facilities and lofts, this four-wire model initiates a local alarm when smoke is detected and a general alarm when the thermal sensor is activated.

Detector	Description
2W-B	2-wire Standard i³ Detector
2WT-B	2-wire Standard i³ Detector with Fixed 135° Thermal Sensor
2WTA-B	2-wire i³ Detector with Fixed 135° Thermal Sensor and Sounder
2WTR-B	2-wire i³ Detector with Fixed 135° Thermal Sensor and Form C Relay
4W-B	4-wire Standard i³ Detector
4WT-B	4-wire Standard i³ Detector with Fixed 135° Thermal Sensor
4WTA-B	4-wire i³ Detector with Fixed 135° Thermal Sensor and Sounder
4WTR-B	4-wire i³ Detector with Fixed 135° Thermal Sensor and Form C Relay
4WTAR-B	4-wire i³ Detector with Fixed 135° Thermal Sensor, Sounder and Form C Relay
4WITAR-B	4-wire i³ Detector with Isolated Thermal Sensor, Sounder and Form C Relay



Accessory	Description
SENS-RDR	i³ Sensitivity Reader
2W-MOD2	i³ Loop Test/Maintenance Module
RRS-MOD	i³ Reversing Relay/Synchronization Module
RT	i³ Removal Tool
A77-AB2	i³ Retrofit Adapter Bracket





Unconventional Detection

Installation Ease. Intelligence. Instant Inspection. These are the guiding principles of System Sensor's i³ Series photoelectric smoke detectors. Designed to take conventional smoke detectors to a new level, these principles translate directly into significantly lower installation, testing and maintenance costs.

Installation Ease

Because of its plug-in design, installing i³ is quick and simple. Efficient wire management and pre-wiring capabilities slash installation time. To complete the installation, simply Stop-Drop 'N Lock™ the head onto the base.

Intelligence

The i³ Series offers intelligence through drift compensation and smoothing algorithms to reduce unnecessary maintenance calls. And when a 2-wire i³ detector needs cleaning, it lets you know, through its remote maintenance signal.

Instant Inspection

The i³ detectors' green and red LEDs make status indication more intuitive. And with the i³ reader, detector sensitivity measurement is precise and complete *within seconds*. Both features reduce inspection time to an instant.

Simply, the i³ Series' principles translate into lower installation, testing and maintenance costs.

The *i*³ Family of Products



A 2W-B, 2-wire Standard *i*³ Detector

B 2W-MOD2, *i*³ Loop Test/Maintenance Module – Interprets the *i*³ remote maintenance signal, provides a visual indication when a two-wire *i*³ detector requires cleaning and transmits the maintenance signal to the panel. Also offers the EZ Walk loop test, a style D initiating circuit and an interface for two-wire detectors to be used on a four-wire loop.

C 2WT-B, 2-wire Standard *i*³ Detector with Fixed 135° Thermal Sensor

D 2WTR-B, 2-wire *i*³ Detector with Fixed 135° Thermal Sensor and Form C Relay

E 4W-B, 4-wire Standard *i*³ Detector

F A77-AB2, *i*³ Retrofit Adapter Bracket – For retrofit installations, provides a professional finished appearance to cover up

unsightly rings or unfinished surfaces. Simply mount the bracket to the back box, align the *i*³ mounting base and twist the mounting base to secure.

G 2WTA-B, 2-wire *i*³ Detector with Fixed 135° Thermal Sensor and Sounder

H RT, *i*³ Removal Tool – Attaches to a standard extension pole or broom handle. Ideal for high ceiling installations to reduce maintenance time to a minimum.

J RRS-MOD, *i*³ Reversing Relay/Synchronization Module – Used with sounder models, allows all detectors on the loop to sound when one alarms by reversing the polarity to the detector zone. Also synchronizes all detectors on the loop to ensure a clear audible signal.

K SENS-RDR, *i*³ Sensitivity Reader – Using an infrared signal,

measures *i*³ detectors in a matter of seconds and eliminates the need for voltmeters, magnets and a physical connection to the detector. Displays sensitivity in terms of percent per foot obscuration and provides a text status indication.

L 4WTA-B, 4-wire *i*³ Detector with Fixed 135° Thermal Sensor and Sounder

M 4WTR-B, 4-wire *i*³ Detector with Fixed 135° Thermal Sensor, Sounder and Form C Relay

P 4WT-B, 4-wire Standard *i*³ Detector with Fixed 135° Thermal Sensor

R 4WITAR-B, 4-wire *i*³ Detector with Isolated Thermal Sensor, Sounder and Form C Relay

S 4WTR-B, 4-wire *i*³ Detector with Fixed 135° Thermal Sensor and Form C Relay

About Our Company

At System Sensor, innovation is more than an ideal – innovation is our way of life. Every day we work to design new products that utilize the most innovative technologies in the most inventive ways, products that are more convenient to install and more efficient to operate, products that provide our customers with the highest level reliability. In other words, we make it our business to develop advanced ideas that deliver advanced solutions.

System Sensor is a global manufacturer of fire detection and notification devices, specializing in smoke detection and notification technology. System Sensor places a premium on research and development, resulting in products that are reliable, sophisticated and designed for real-world applications. With sales, service and manufacturing facilities throughout the Americas, Europe and Asia, System Sensor's high quality, innovative products are the most comprehensive in the industry.



advanced ideas. advanced solutions.™

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