

ISD 200 601 702 SMOKE DETECTOR

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LAST MODIFICATION DATE : APRIL 2017

- **Wireless interactive technology**
- **85dB output level at 3m**
- **Wall and cover dual tamper detection**
- **CR123A Lithium battery - 1 year battery life**

Description

ISD smoke detector is a wireless, battery-powered device design to be used with a Videofied security system.

The detector is embedded with a smoke detection module, a buzzer and a radio module.

Install the detector in the middle of the zone to protect.

Installing the detector too close from a combustion source (kitchen with few windows or poorly ventilated, garage, furnace, hot water heaters, space heaters, etc.) or close to a humidity source (bathroom) can trigger false alarms. If the site has several floors install at least a smoke detector on every floor.

The detector is powered by a 3V Duracell CR123A Lithium battery for a two year battery life (on average).

When the ISD smoke detector triggers, it generates a sound alarm and the information **Smoke Detection** is sent to the monitoring station through the alarm panel.

Indicator light

- | | |
|--------------------------------------|---|
| > Yellow blink with 3 beeps: | Malfunction |
| > Continuous yellow blink: | Low Battery |
| > Red blink once every 334 seconds: | Normal Operation |
| > Red blink once every 10.7 seconds: | Reduced sensitivity operation (during 10 minutes) |
| > Fixed red light with 3 loud beeps: | Alarm |



Features

- > Push button recording.
- > Optical detection of visible particles.
- > Wiselink® — Spread Spectrum, Videofied, Interactive, AES Encrypted Wireless technology provides optimum signal integrity and security.
- > Buzzer : 85 dB output level at 3 meters for up to 3 minutes in Alarm mode.
- > Supervised—transmits a check-in/status signal to the panel every 8 minutes indicating unique identification code along with the current detection sensor state, tamper condition, serial number, manufacture date, software revision, and battery status.
- > Dual tamper—provides cover and wall tamper detection.
- > Lithium batteries—last up to four years depending on activity and environment(estimated).

Applications

- > Programming and use with Videofied security systems.

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Security notes / (FR) Notes de sécurité / (DE) Hinweise zur Sicherheit

English

- Remove battery before any maintenance !
- **WARNING, there is a risk of explosion if a battery is replaced by an incorrect type!**
- Observe polarity when setting up the batteries!
- Do not throw used batteries! Bring them to your installer or a collection point.

Français

- Retirez les piles avant toute opération de maintenance !
- Attention ! Il y a un risque d'explosion si l'une des piles utilisées est remplacée par une pile de type incorrect !
- Respectez la polarité lors de la mise en place des piles !
- Ne jetez pas les piles usagées ! Ramenez-les à votre installateur ou à un point de collecte spécialisé.

Deutsch

- Batterien vor jeglichen Wartungsarbeiten entfernen!
- Vorsicht, es besteht Explosionsgefahr, wenn eine Batterie durch eine Batterie falschen Typs ersetzt wird!
- Achten Sie beim Einsetzen der Batterien auf die Polung!
- Entsorgen Sie Batterien nicht im normalen Haushaltsmüll! Bringen Sie Ihre verbrauchten Batterien zu den öffentlichen Sammelstellen.

Features

Panel Compatibility	W, XL, XT, XV and their variants
RF Technology	Wiselink®
Radio type	Spread spectrum bidirectional
Operating frequency	868MHz - ISD200 (Europe, South Africa, Asia)
Transmission security	AES encryption algorithm
Supervision	Polled signal every 8 minutes
Antenna	Integrated
Tamper detection	Wall and cover tampered
Power requirements	1 3V DC Lithium battery Ultra 123A (Duracell) or CR123A (Panasonic)
Battery life	1 year (common usage)
Output level	85dB at 3 meters

Physical data

Operating temperature	-0° /+49° C (32°/ 120° F)
Maximum relative humidity	85%, non-condensing
Dimensions (LxIxE)	120 mm x 5.3 mm
Weight	140g (without battery) 156g (with battery)
Protection Marking	IK07/IP30

Installation / Mounting

Detector and base 2 screws secure base to the mounting surface

Standards & Certifications

868MHz (ISD200)



0333-CPR-292200

EN14604 : 2005/AC:2008

Certification body : AFNOR Certification

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Compliant to annex IV from R&TTE 1999/5/CE directive

915MHz (ISD601)



UL 217

USA FCC (Part 15C)

Canada IC (RSS-210 Issue 8)

920MHz (ISD702)



Australie C-Tick (AS/NZS4268)

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