

- **Wireless interactive technology**
- **85dB output level at 3m**
- **Wall and cover dual tamper detection**
- **CR123A Lithium battery - 2 years 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 floorsn 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.
- > S2View®— 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.

# ISD 200 601 702 SMOKE DETECTOR

## 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	S2View®
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	3V DC, 1 Duracell CR123A Lithium battery
Battery life	2 years (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
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## Standards & Certifications

### 868MHz (ISD200)



Sensitivity compliant to :  
UL 217, UL268 and EN14604

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)