

MAIN FEATURES

- > **Standard coverage lens (12m/40 ft. distance)**
- > **Dual tamper function**
- > **Motion detector**

Description

The **Motion Detector model IMD 200/601/701** is a wireless, indoor motion detector designed for use in Videofied security systems.

The detector is powered by one lithium battery that can last up to 4 years depending on the amount of detector activity.

The detector transmits a check-in signal every eight minutes that includes its unique identification code along with the current detection sensor state, tamper condition, serial number, date of manufacture, software revision, and battery status.

**Features**

- > SAFT LS14500 AA Lithium battery for long life.
- > Standard coverage lens (12m/40 ft. distance)
- > Dual tamper function provides detection for both wall and cover tamper.
- > Transmits check-in/status signal every 8 minutes.

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

English	Français	Deutsch
<ul style="list-style-type: none"> > <i>Remove batteries before any maintenance!</i> > <i>WARNING, there is a risk of explosion if a battery is replaced by an incorrect type!</i> > <i>Observe polarity when setting up the batteries!</i> > <i>Do not throw used batteries! Bring them to your installer or a collection point.</i> 	<ul style="list-style-type: none"> > <i>Attention ! Il y a un risque d'explosion si l'une des piles utilisées est remplacée par une pile de type incorrect !</i> > <i>Respectez la polarité lors de la mise en place des piles !</i> > <i>Ne jetez pas les piles usagées ! Ramenez-les à votre installateur ou à un point de collecte spécialisé.</i> 	<ul style="list-style-type: none"> > <i>Batterien vor jeglichen Wartungsarbeiten entfernen!</i> > <i>Vorsicht, es besteht Explosionsgefahr, wenn eine Batterie durch eine Batterie falschen Typs ersetzt wird!</i> > <i>Achten Sie beim Einsetzen der Batterien auf die Polung!</i> > <i>Entsorgen Sie Batterien nicht im normalen Haushaltsmüll! Bringen Sie Ihre verbrauchten Batterien zu den öffentlichen Sammelstellen.</i>

FCC Regulatory Information for USA and CANADA

FCC Part 15.21 Changes or modifications made to this equipment not expressly approved by RSI VideoTechnologies may void the FCC authorization to operate this equipment.

FCC Part 15.105 Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- > Reorient or relocate the receiving antenna.
- > Increase the separation between the equipment and receiver.
- > Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- > Consult the dealer or an experienced radio/TV technician for help.

Radio frequency radiation exposure information according 2.1091 / 2.1093 / OET bulletin 65

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

- 1 This device may not cause harmful interference, and
- 2 This device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme à la Partie 15 des réglementations de la FCC et avec la norme RSS-210 de l'Industrie Canadienne.

Son fonctionnement est soumis aux deux conditions suivantes :

- 1 Cet appareil ne doit pas causer d'interférences nuisibles et
- 2 Cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant entraîner un fonctionnement indésirable.

Properties

Panel Compatibility XL, XLL, Visio, XT, XT-iP, XV, XV-iP, XTO, XTO-iP

Power requirements

Type	AA
Nominal Voltage	3.6v
Low battery limit	2.7v
Battery type	SAFT, AA, Lithium, LS14500
Quantity	1
Battery life (estimated)	Up to 4 years

Current Consumption

Standby (1h average)	40 uA
Max	37 mA

RF Technology

 S²View® Bidirectional Radio

Central Frequency	868MHz : IMD200(Europe, Africa, Asia)
	915MHz : IMD601(USA, Canada, South America)
	920MHz : IMD701(Australia, South America)

Radio type	Spread Spectrum Bidirectional RF
Transmission security	AES algorithm encryption
Supervision	Panel polls devices every 8 minutes
Antenna	Integrated
Tamper	Wall and cover tamper

PIR Performance

Technology	Passive infrared DSP
Type	Dual element
Lens	Fresnel
Detection Angle	90°
Detection Distance	Up to 40 ft/12m
Motion Detection pattern	24 facets

Environmental and Physical Properties

Operating temperature	14° to 104° F (-10° to +40° C)
Maximum relative humidity	75%, non-condensing
Material	ABS—ULV0
Dimensions	(LxWxD): 2.75 x 2 x 1.5in 51.2 x 80.9 x 36.8mm
Weight	3 oz./58 g (without battery)

Certifications & Standards

868MHz – IMD200

Standards	EN60950-1:2006+/A11:2009+/A1:2010 EN300220-1 V2.4.1 EN300220-2 V2.4.1 NF EN50130-4:1995+/A1:1998+/A2:2003; NF EN50130-5:1998 Classe II NF EN50131-2-2:2009 - Grade 2 NF EN50131-5-3:2005 - Grade 2 NF EN50131-6:2008 Grade 2 –Type C
Certifications	Europe CE / EN50131 Grade2 Netherlands NCP Singapore IDA South Africa ICASA

915MHz FHSS – IMD601

Certifications	USA FCC Part 15C (FCC47 CFR part15) Canada IC (RSS-210 Issue 8)
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920MHz FHSS – IMD701

Certifications	Australia C-Tick (AS-NZS4268)
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Installation / Mounting

Mounting Height	2 to 2.3m / 6.5 to 7.5ft
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Mounting on Wall

On Flat Wall	With 2 x Screws
In Corner	With 2 x Screws
Closing of the Casing	Closing by clip and screw if required by local legislation

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