

INDOOR MOTION DETECTOR

023:V SPECIFICATION SHEET



VIDEOFIED
ULTIMATE SECURITY



IMD 200 MOTION DETECTOR INTERNAL 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 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.

STANDARDS AND CERTIFICATIONS

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
Canada IC

FCC Part 15C (FCC47 CFR Part 15)
(RSS-210 Issue 8)

920MHz - FHSS - IMD701

Certifications Australia

C-Tick(AS-NZS4268)



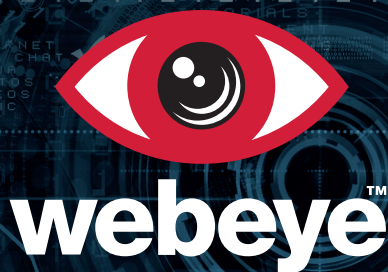
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Power requirements

Type	1 x 3.6V SAFT Lithium, LS14500, AA Batteries Only
Nominal Volatage	3.6V
Low Voltage Limit	2.7V
Battery Life (estimated)	Up to 4 years

Current Consumption

Standby (1h average)	40uA
Max	37mA

RF Technology

S2View® Bidirectional Radio

Central Frequency 868MHz - IMV200(Europe, South Africa, Asia)

915MHz - FHSS - IMV601(USA, Canada, South America)

920MHz - IMV702(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)

Installation / Mounting

Mounting Height 2 to 2.3m / 6.5 to 7.5ft

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

Security Notes

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



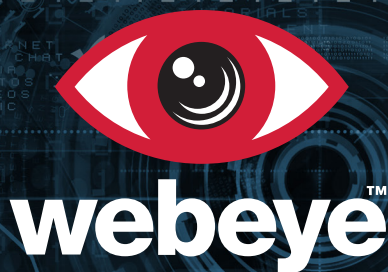
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FCC Regulatory Information for USA and Canada

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.



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