

MAIN FEATURES

- > **Wireless technology providing optimum signal integrity and security.**
- > **Dual tamper function**
- > **Battery life - up to 4 years**

Description

The **Door Contact Models IDC 200/601/701** is a battery operated, wireless door contact designed for use in Videofied security systems. Door contacts are intended for use in detecting the opening and closing of doors, windows, or cabinet doors/drawers.

The IDC 200/601/701 consist of a switch detector with S²View[®] spread spectrum, Videofied, interactive, encrypted wireless circuitry for secure two-way communications with the control panel. A dual tamper function provides detection for both wall and cover tamper. The transmitter is typically installed on the stationary surface of an opening (door frame or window frame), while the magnet is installed on the door or window.

With the door or window closed, the magnetic field forces a reed switch inside the detector to close, creating a secured condition. When the alarm system is armed and the door or window is opened, the detector transmits an open signal. The control panel receives this signal and responds according to system configuration/programming.

The detector is powered by one lithium battery that can last up to four 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 alarm state, tamper conditions, serial number, date of manufacture, software version and battery status.



Features

- > S²View[®]— Spread Spectrum, Videofied, Interactive, AES Encrypted Wireless technology provides optimum signal integrity and security.
- > Supervised - transmits a check-in/status signal every 8 minutes indicating open/closed state, tamper conditions, serial number, date of manufacture, software revision and battery status.
- > Dual tamper - provides detection for both wall and cover tamper.
- > Duracell CR123A Lithium battery - Up to four years.

Applications

Residential

- > Doors
- > Windows
- > Cabinet doors/drawers
- > Other similar openings

Commercial

- > Doors
- > Windows
- > Overhead garage doors
- > Cabinet doors/drawers
- > Other similar openings

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

English	Français	Deutsch
<ul style="list-style-type: none"> > 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 the batteries! > Do not throw used batteries! Bring them to your installer or a collection point. 	<ul style="list-style-type: none"> > 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. 	<ul style="list-style-type: none"> > 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.

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

Nominal Voltage	3.0V
Low battery limit	2.7V
QTY and Battery Type	One 3.0V Lithium battery
Battery type	Duracell, CR123A
Battery life	Up to 4 years

Current Consumption

Standby	35uA
Max	35mA
Axis of detection	Three axis (X, Y, Z)

Opening Detection Distance	.9in (2.3cm)
Closing Detection Distance	.8in (2.0cm)

RF Technology

 S²View[®]

Radio type	Spread Spectrum Bidirectional RF
Central Frequency	868MHz : IDC200(Europe, Africa, Asia) 915 MHz FHSS : IDC601(USA, Canada, South America) 920MHz FHSS : IDC701(Australia, South America)

Transmission Security	AES algorithm encryption
Supervision	Polled signal every 8 minutes
Antenna	Integrated
Tamper	Wall and cover tamper

Physical data

Operating temperature	-10° to +40°C (14° to 104°F)
Maximum relative humidity	75%, non-condensing
Material	Plastic: ABS—ULV0
Magnet	Alnico 5
Dimensions	LxWxD
Body	3.7 x 1 x 0.86in (95 x 25.8 x 22mm)
Spacer	2.5 x 0.59 x 0.39in (64 x 15 x 10mm)
Magnet	2.5 x 0.59 x 0.43in (64 x 15 x 11mm)
Weight: Detector	38g/1.4oz. – without battery
Physical Protection	IP31 and IK04

Certifications & Standards

868MHz – IDC200

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 EN50131-2-6:2008 - Grade 2 NF EN50131-5-3:2005 - Grade 2 NF EN50131-6:2008 Grade 2 –Type C
Certifications	Europe CE / EN50131 Grado 2 Netherlands NCP Singapour IDA South Africa ICASA

915MHz FHSS – IDC601

Certifications	USA FCC Part 15C (FCC47 CFR Part15) Canada IC (RSS-200 Issue 8)
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920MHz FHSS – IDC701

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

Detector	One screw secures cover to base; Two screws secure detector to mounting surface.
Magnet	Two screws secure magnet assembly to mounting surface.
Spacing	Maximum 10mm (3/8) in gap between detector and magnet.

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