Door/Window Contact IDC 200/601/701

PRODUCT INSTALLATION SHEET

Made by RSI VIDEO TECHNOLOGIES

2228-IDCIS March 2013

Product Summary

The Door Contact Models IDC 200/601/701 is a wireless door/window contact designed for use with RSI VIDEO Technologies security systems. The contact includes the following features:

- Uses 1 Duracell CR123A Lithium battery for long life.
- Dual tamper function provides detection for both wall and cover tamper.
- Transmits check-in/status signal every 8 minutes.

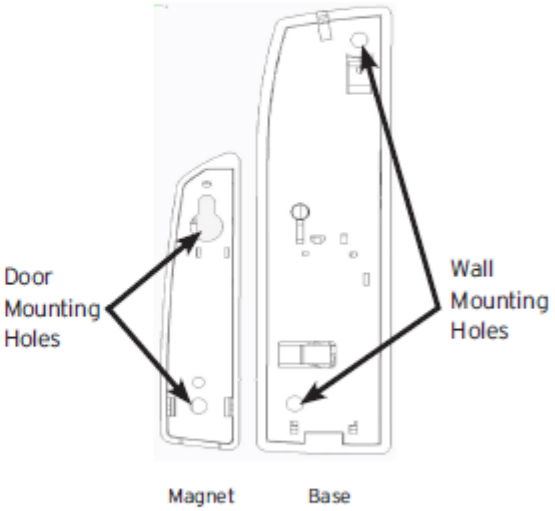
Installation Guidelines

For easier installation, programming and RF testing should be done to check for good communication between the control panel and all system devices before mounting system devices. Install the detector and other system devices in the following order:

- Programming/RF Testing - program detector and all other devices into the control panel and test RF communication from each intended device location to the control panel.
- Mounting - mount detector at the tested location.

Mounting Rules

- Use proper tools and hardware.
- Mount indoors in a temperature-controlled environment.
- Mount detector on frame and magnet assembly on movable opening (door, window).
- Do not exceed 10 mm (3/8") gap between detector and magnet.
- Magnet spacer must be used to match magnet height with detector to ensure correct alignment and functionality.
- Do not install product on ferromagnetic surfaces



Programming/RF Testing/Mounting

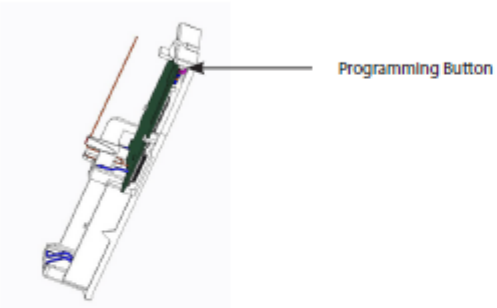
The following provides summarized steps for device programming, testing and mounting. For complete details, refer to the control panel installation manual.

1. Loosen bottom screw and separate base from detector.

2. Install 1 Duracell CR123 3v Lithium battery, observing correct polarity.

   *Check that the LED flashes before staying RED

3. Put control panel into programming/configuration mode.
4. Using a programmed alphanumeric keypad, proceed through menus until the display shows ADD A NEW DEVICE.
5. Press **YES/OK.** The display shows PRESS PROGRAM BUTTON OF DEVICE.
6. Press and release program button on detector. The detector LED flashes. Wait for keypad display to show DETECTOR (1-25) RECORDED.



7. Press **YES/OK.** The display shows RADIO RANGE TEST? Press **YES/OK** again. The detector LED starts flashing and keypad display shows TEST IN PROGRESS.
8. Take detector to its intended mounting location and make sure LED flashes continuously, indicating good communication with control panel.
9. Press **YES/OK** to end radio range test, then press **Esc/No.**
10. The display shows AREA ASSIGNMENT AREA: 1. Press either arrow button repeatedly until desired AREA number appears, then press **YES/OK.**

Note: Only contacts protecting the entire premises should be configured for perimeter arming.

11. The display shows PERIMETER DEVICE? Press **YES/OK** or **Esc/No,** whichever is appropriate for this device.
12. The display shows NAME + LOCATION: Enter appropriate device name/location (up to 16 characters), then press **YES/OK.** The display shows the device number and name for your verification.
13. Press **YES/OK.** The display shows FUNCTIONAL DEVICE TEST? Press **YES/OK** again and verify detector operation. For example, move magnet next to detector to make LED go out, then move magnet away from detector to make LED turn on indicating detection.
14. Press **YES/OK** to end detection verification.
15. The display shows ENTERING A NEW DEVICE? Repeat steps 1-14 for remaining detectors.
16. When finished, exit from configuration mode.

(EN) 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.*

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 règlementations 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.

Door Contact IDC 200/601/701

INSTALLATION DATA SHEET

Properties

Panel Compatibility	Visio, XT, XL, XT-IP, XV, XV-IP
Power Requirements:	
Type	C
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

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.

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 Grade 2
Pays-Bas	NCP
Singapour	IDA
Afrique du Sud	ICASA

915MHz FHSS - IDC601

Certifications

USA	FCC Part 15C (FCC47 CFR Part 15)
CANADA	IC (RSS-200 Issue 8)

920MHz FFHS - IDC701

Certifications

Australia	C-Tick (AS-NZS4268)

videofied™

EMEA SALES
23, avenue du Général Leclerc
92340 BOURG-LA-REINE
FRANCE
Hotline: +33 (0)820 846 620
Fax: +33 (0)1 82 69 80 10

USA SALES
1375 Willow Lake Blvd. #103
Vadnais Heights, MN 55110
USA
Hotline: +1 877 206 5800
Fax: +1 651 762 4693