

# IDC INDOOR DOOR CONTACT

**DOC. - REF. 219-IDC**  
**MODIF. DATE : MAY 2017**

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 Version : April 2014

## Product Summary

The Indoor Door Contact IDC 200/601/702 is a wireless door/window contact designed for use with Videofied® 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

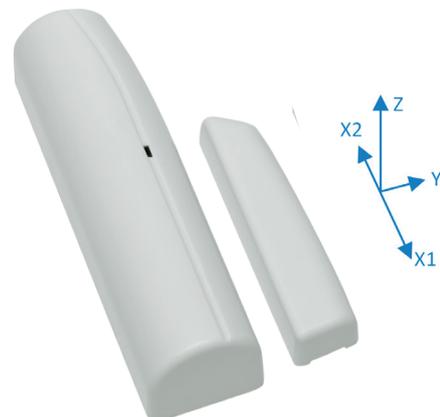
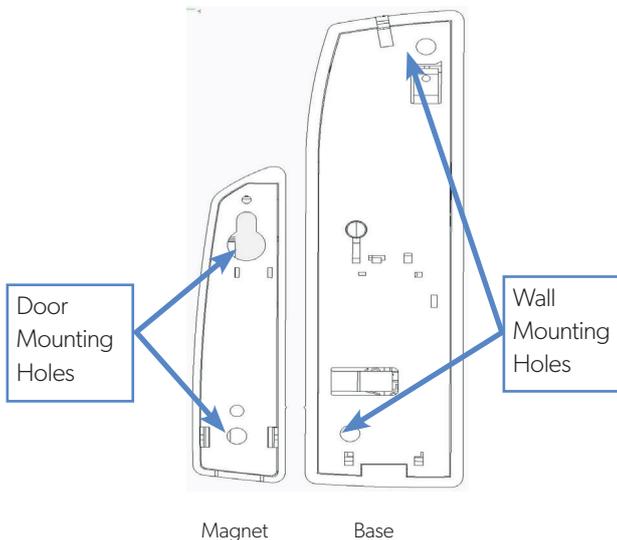
For easier installation, programming and RF testing should be done before mounting to check for good communication between the control panel and all system devices.

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 20 mm (6/8") 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.



# IDC INDOOR DOOR CONTACT

## Pairing the detector

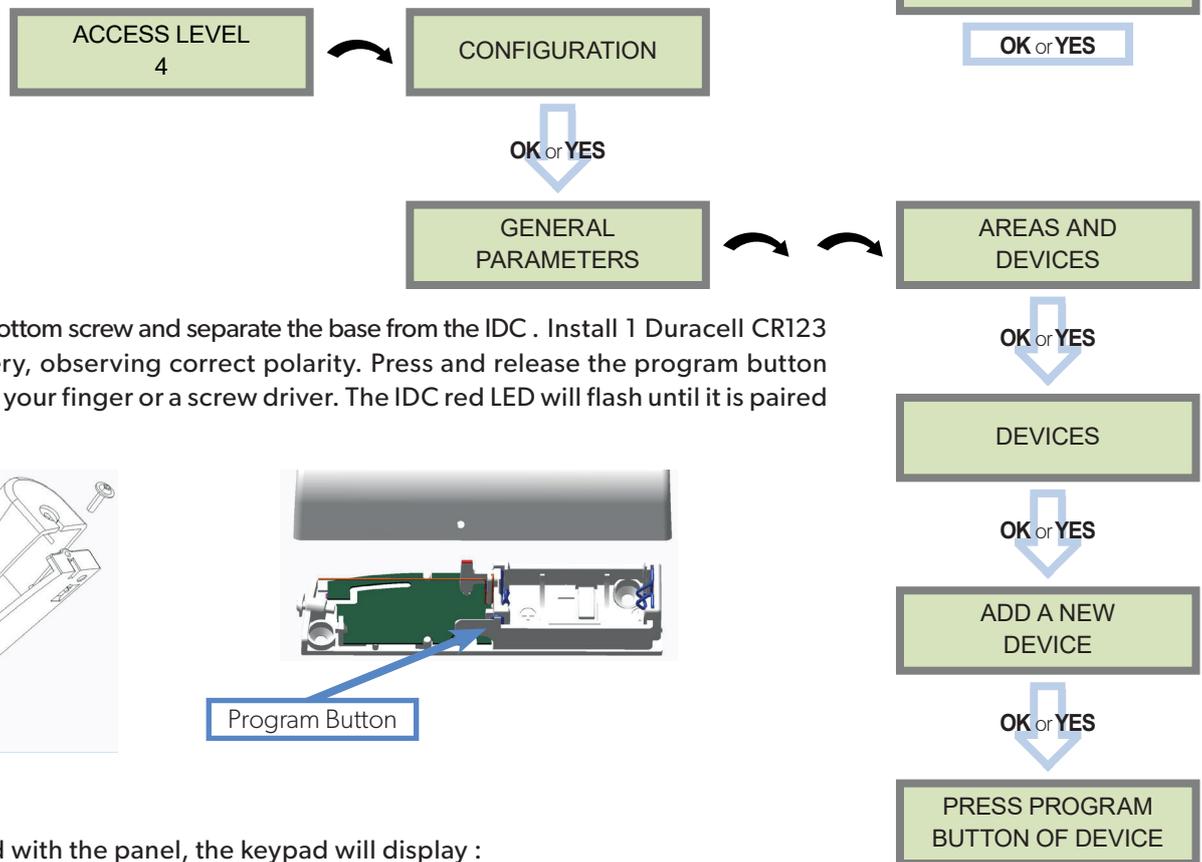
1 Using a programmed alphanumeric keypad, access to level 4.



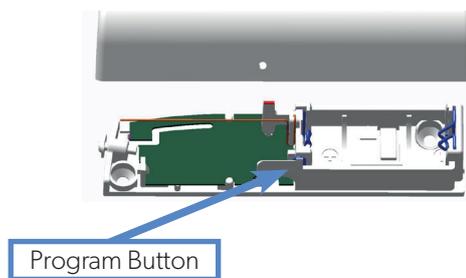
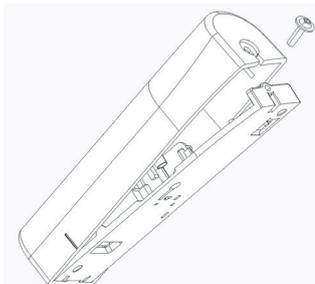
2 To unlock and get access to the installer level 4, you need to successively enter TWO codes (in any order) :

- INSTALLER CODE (entered during initial programming)
- USER CODE (Level3): the user must authorize the installer to get access to the configuration of his panel.

3 Once in level 4, proceed through the menu to reach ADD A NEW DEVICE.



4 Loosen the bottom screw and separate the base from the IDC . Install 1 Duracell CR123 3V Lithium battery, observing correct polarity. Press and release the program button on the IDC using your finger or a screw driver. The IDC red LED will flash until it is paired with the panel.



5 When linked with the panel, the keypad will display :



The IDC is now paired with your Videofied® panel. It now needs to be configured and tested.

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## Configuration and test

1 Once the detector is recorded, you will be able to run a radio range test to measure the radio link between the IDC and the Videofied® panel.

**This test is important**, it measures the strength of communication between the device and the control panel. The keypad will display a real time radio range value on a scale of 9.

Run the test with the detector installed or take it to its intended mounting location and make sure that you get at least 8/9, indicating good communication with the control panel.

To receive the most accurate results you must run the radio range test for at least 30 seconds.

**Result must be 8 out of 9 or better for reliable transmission of intrusion, sabotage and video.**

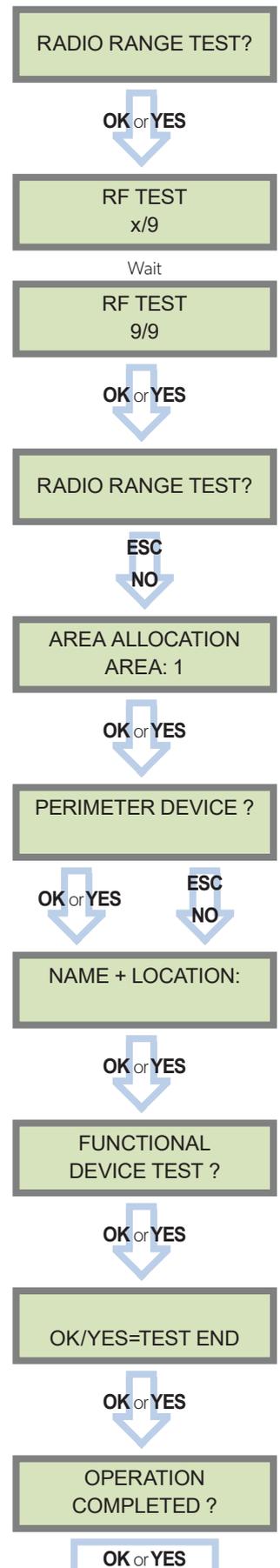
2 The next step is to assign the detector to one of the four available areas, used for delay and partial arming purposes (please refer to the Videofied® panel installation manual for more details about the areas).

3 Enter an appropriate device name and location (up to 16 characters), then accept. The display shows the device number and name for confirmation.

4 Choose whether your contact is a perimeter device or not. A perimeter device will be armed in the perimeter arming mode.

5 The functional test verifies the detection field as the IDC LED flashes when the magnetic contact is triggered.

6 Once completed, you can add other devices or exit configuration mode.



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

### English

- Remove the batteries before any maintenance!
- **WARNING, there is a risk of explosion if a battery is replaced by an improper model!**
- Observe polarity when setting up the batteries!
- Do not litter the batteries when they are used! Dispose of them properly according to Lithium Metal requirements

### Français

- Retirez les piles avant toute opération de maintenance!
- **Attention ! Il y a un risque d'explosion si la batterie utilisée est remplacée par un mauvais modèle !**
- Respectez la polarité lors de la mise en place des piles!
- Ne jetez pas les batteries 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 Modells 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 Video Technologies 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.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé.

Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

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 Industry Canada licence-exempt RSS standard(s)

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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- 1 L'appareil ne doit pas produire de brouillage, et
- 2 L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement..



This symbol on the product or on its packaging indicates that this product should not be treated as household waste. It must be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health. The recycling of materials will help to conserve natural resources. For more information about recycling of this product, please contact your local municipality, your waste disposal service or the company that installed the product.

# IDC INDOOR DOOR CONTACT

## ELECTRICAL PROPERTIES

<b>Panel compatibility</b>	W, X and VISIO panels
<b>Battery</b>	Type C - CR123A - 1 Lithium battery
Nominal voltage	3 V
Low battery limit	2.8 V
Estimated battery life	Up to 4 years
<b>Current consumption</b>	
Standby (1h average)	35 µA
Max	35 mA (with alarm and communication)

## RADIO PROPERTIES

<b>RF Wiselink® technology</b>	
Radio type	Spread spectrum RF bidirectional
Operating frequency	<ul style="list-style-type: none"> <li>• 868MHz - IDC200 (Europe, Africa, Asia)</li> <li>• 902/928 MHz - IDC601 (Americas)</li> <li>• 915/928 MHz - IDC702 (Australia, South America)</li> <li>• 902/907.5 MHz &amp; 915/928 MHz - FHSS - IDC800 (Brazil)</li> </ul>
Transmission security	AES algorithm encryption
Supervision	Radio, batteries, tamper
Radio antenna	Integrated

## DETECTION PROPERTIES

<b>Internal detection</b>	I.L.S with provided Alnico 5 magnet
Axis of detection	X1, X2, Y, Z
Opening detection distance	<ul style="list-style-type: none"> <li>• X1: 20 mm</li> <li>• X2: 20 mm</li> <li>• Y: 29 mm</li> <li>• Z: 41 mm</li> </ul>
Closing detection distance	<ul style="list-style-type: none"> <li>• X1: 4 mm</li> <li>• X2: 6 mm</li> <li>• Y: 16 mm</li> <li>• Z: 24 mm</li> </ul>
Initialization time	10s
Recovery time	2s

<b>Tamper</b>	
Tamper detection	Cover and wall tamper

## BOX

<b>Physical properties</b>		
Material		ABS ULV0
Dimensions	Body	95 x 25.8 x 22mm
	Magnet	64 x 15 x 10mm
	Spacer	64 x 15 x 11mm
Weight		38 g (without battery)
Shock & water protection markings		IP31/IK04

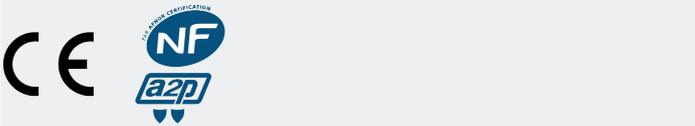
<b>Environmental properties</b>	
Operating temperature	-10°/+55°C
Max relative humidity	75%, without condensing

<b>Installation / Mounting</b>	
Mounting support	Non-ferromagnetic surface (ex : wood)
Wall mounting (body)	2 screws
Box sealing (body)	1 screw
Wall mounting (magnet)	2 screws

# IDC INDOOR DOOR CONTACT

## STANDARDS AND APPROVALS

### IDC 200 / IDC 210 868 MHz



NF EN60950-1 2006+/A11:2009+/A1:2010

EN300220-1 V2.4.1

EN300220-2 V2.4.1

Compliant with annex IV from the R&TTE 1999/5/CE directive

**NF&A2P – 2 boucliers – suivant le référentiel NF324-H58**  
**Matériels de sécurité électronique, détection d'intrusion**  
**DETECTEUR D'OUVERTURE A CONTACT**

Marque commerciale Videofied

Référence produits (blanc) IDC 200

N° de certification (blanc) **2123200004AO**

Référence produits (brun) IDC 210

N° de certification (brun) **2123200004BO**

NF EN50131-2-6 Grade 2 2008

RTC 50131-2-6 2015

NF EN50131-5-3 2005

NF EN50130-4 2011

NF EN50130-5 Environment Class II 2011

**Certification organisation :**  
**CNPP Cert.**  
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 F—27950 SAINT MARCEL  
 Tel : +33(0)2.32.53.63.63  
 Fax: +33(0)2.32.53.64.46  
 Sites Internet : [www.cnpp.com](http://www.cnpp.com)  
 Email : [certification@cnpp.com](mailto:certification@cnpp.com)

**Certification organisation :**  
**AFNOR Certification**  
 11, rue François de Pressensé  
 93571 Saint Denis La Plaine Cedex  
 Tel : +33(0)1.41.62.80.00  
 Fax: +33(0)1.49.17.90.00  
 Sites Internet : [www.marque-nf.com](http://www.marque-nf.com)  
 E-mail : [certification@afnor.org](mailto:certification@afnor.org)

#### Other certifications

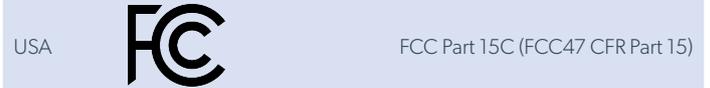
Netherlands NCP

Singapour IDA

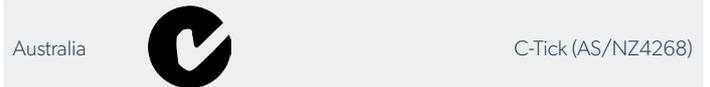
South Africa ICASA

### IDC 601 902/928MHz - FHSS

Canada IC (RSS-210 Issue 8)



### IMV 702 915/928MHz - FHSS



### IMD 800 902/907.5MHz & 915/928MHz



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The EC declaration of conformity of this product is available by flashing that QR code :

