

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 200/601/702** 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 200/601/702 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

Properties

Panel Compatibility XL, XLL, Visio, XT, XV and their variants

Power Requirements

Nominal Voltage	3.0V
Low battery limit	2.7V
Battery Type	Lithium
Quantity	1
Manufacturer and reference	Duracell, CR123A
Battery life	Up to 4 years

Current Consumption

Standby	35 µA
Max	35 mA

Magnet Detection

Detection axis (X1, X2, Y, Z)

Opening detection distance	20 / 20 / 29 / 41 (mm)
Closing detection distance	4 / 6 / 16 / 24 (mm)
Initialization delay	10s
Recovery delay	2s

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 : IDC702 (Australia, South America)

Transmission Security AES algorithm encryption

Supervision Polled signal every 8 minutes

Antenna Integrated

Tamper Wall and cover tamper

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.

Physical Data

Operating temperature	-10° to +55°C (14° to 131°F)
Maximum relative humidity	75%, non-condensing
Material	Plastic: ABS—ULVO
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

Standards & Certifications

868MHz - IDC200 & IDC210

	Certifications	CE / EN50131 / NF&A2P
	Standards	EN60950-1:2006+/A11:2009+/A1:2010 EN300220-1 V2.4.1 EN300220-2 V2.4.1

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

Commercial Brand :	Videofied
Product reference :	IDC200 (blanc) IDC210 (brun)
Certification Number :	2123200004A0 2123200004B0

Standards

NF EN50131-2-6:	2008 Grade 2
RTC 50131-2-6:	2011
NF EN50131-5-3:	2005
NF EN50130-4:	2011
NF EN50130-5:	2011 Classe II

Certifying agency :	Certifying agency :
CNPP Cert.	AFNOR Certification
Route de La Chapelle Réanville CS22265	11, rue François de Pressensé
F—27950 SAINT MARCEL	93571 Saint Denis La Plaine Cedex
Tel : +33(0)2.32.53.63.63	Tel : +33(0)1.41.62.80.00
Fax: +33(0)2.32.53.64.46	Fax: +33(0)1.49.17.90.00
Sites Internet : http://www.cnpp.com	Sites Internet : http://www.afnor.org
Email : certification@cnpp.com	et http://www.marque-nf.com
	Email : certification@afnor.org

Others Certifications	Netherlands	NCP
	Singapour	IDA
	South Africa	ICASA

915MHz FHSS - IDC601

Certifications	USA	FCC Part 15C (FCC47 CFR Part 15)
	Canada	IC (RSS-210 Issue 8)

920MHz FFHS - IDC702

Certifications	Australie	C-Tick (AS-NZS4268)
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