



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

Description

The **Door Contact Models IDC** 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 consist of a switch detector with Wiselink® 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

- > Wiselink® - 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.
- > Two colors - IDCx0x : White - IDC x1x : Brown

Applications

Residential

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

Commercial

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



ELECTRICAL PROPERTIES

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

RADIO PROPERTIES

RF Wiselink® technology	
Radio type	Spread spectrum RF bidirectional
Operating frequency	<ul style="list-style-type: none"> • 868MHz - IDC200/210 (Europe, Africa, Asia) • 865/867MHz - IDC300/310 (India) • 902/928 MHz - IDC601 (Americas) • 915/928 MHz - IDC702 (Australia, South America) • 902/907.5 MHz & 915/928 MHz - FHSS - ICT800 (Brazil)
Transmission security	AES algorithm encryption
Supervision	Radio, battery, tamper
Radio antenna	Integrated


DETECTION PROPERTIES


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

BOX

Physical properties		
Material		ABS UL94-V0
Dimensions	Body	95 x 25.8 x 22mm
	Spacer	64 x 15 x 10mm
	Magnet	64 x 15 x 11mm
Weight		38 g (without battery)
Shock & water protection markings		IP31/IK04
Environmental properties		
Operating temperature		-10°/+55°C
Max relative humidity		75%, without condensing
Installation / Mounting		
Mounting support		Non-ferromagnetic surface (ex : wood)
Wall mounting		2 screws
Box sealing		1 screw

STANDARDS AND CERTIFICATIONS

IDC 200/210		868MHz
Europe		Compliant with Directive 2014/53/EU for RED Radio Equipment Directive Intertek LSS (EN50131-2-2) Id: 16LHK0199-01

OSX 300		865/867 MHz
India		Compliant with Certification number

IDC 601		902/928MHz - FHSS
Argentina		Certification number C-17501
Canada		IC (RSS-247 issue 1) Id: 8816A-MV50
Columbia		
Costa Rica		SUTEL 00914-SUTEL-DGC-2017
Mexico		IFT Certification number RCPSISI7-0298
Panama		Certification number 1718
Peru		Certification number TRSS38410 «En Perú, este equipo diseñado para la banda de 902-928MHz, debe ser configurado para operar solo en la banda 915-928MHz con una PIRE de hasta 1W (30dBm) y sujeto a las Condiciones de Operación que establezca el MTC.»
USA		(Part 15C) Id: X46MV50

IDC 702		915/928MHz - FHSS
Australia		C-Tick (AS/NZ4268)
Chile		SUBTEL Certification number 2661/DO_36683/F26

IDC 800		902/907.5MHz & 915/928MHz
Brazil		Certification Number 00615-17-10210
		Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

EMEA SALES

23, avenue du Général Leclerc
 92340 BOURG-LA-REINE
 FRANCE
 E-Mail : emeasales@rsivideotech.com

North American Headquarters

1375 Willow Lake Blvd, Suite 103
 Vadnais Heights, MN 55110
 USA
 E-Mail : usasales@rsivideotech.com

