



VIDEOFIED

ULTIMATE SECURITY



IDC 200 DOOR CONTACT

INDOOR DOOR CONTACT

Description

The Door Contact Models IDC 200/601/701 are 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

- 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 condition, serial number, manufacture date, software revision, and battery status.
- Dual tamper - provides detection for both wall and cover tamper.
- Duracell CR123A lithium battery.

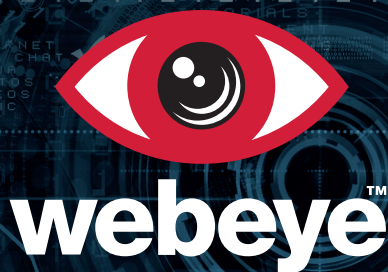
Applications

Residential

- Doors
- Windows
- Cabinet door/drawers
- Other similar openings

Commercial

- Door
- Windows
- Overhead garage doors
- Cabinet door/Drawers
- Other similar openings



IDC DOOR CONTACT

Power requirements

Type 1 x 3.6V SAFT Lithium, LS14500, AA Batteries Only

Nominal voltage 3.0V

Low battery limit 2.7V

Battery life(Estimated) Up to 4 years

Current consumption

Standby 35uA

Max 35mA

Magnet detection

Detection axis (X1, X2, Y, Z)

Opening detection distance 20 / 20 / 29 / 40(mm)

Closing detection distance 4 / 6 / 16 / 24(mm)

Initialisation delay 10s

Recovery delay 2s

RF S2View® Technology

Radio type Spread Spectrum Bidirectional

Operating frequency 868MHz - IDC200 (Europe, Africa,

Asia)

915MHz 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

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—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



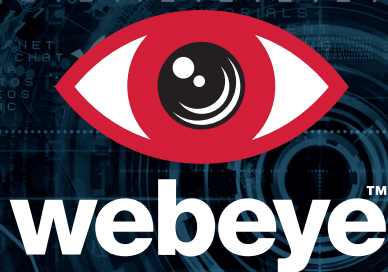
T: +44 115 714 9990
E: sales@webeyecms.com



T: +1 (863) 336-6527
E: sales@webeyecorp.com



T: +27 (087) 820-7010
E: sales@webeyecms.co.za



IDC DOOR CONTACT

014:V SPECIFICATION SHEET

STANDARDS AND CERTIFICATIONS



868MHz (IDC200)

Certifications Standards

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

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

Other 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

Australia	C-Tick (AS-NZS4268)
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T: +44 115 714 9990
E: sales@webeyecms.com



T: +1 (863) 336-6527
E: sales@webeyecorp.com



T: +27 (087) 820-7010
E: sales@webeyecms.co.za