webeye™

016:V SPECIFICATION SHEET

VIDEOFIED
ULTIMATE SECURITY

ICT 200 DOOR CONTACT
INDOOR DOOR CONTACT

Description

The ICT Universal Door Contact 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 ICT consist of a switch detector with Wiselink - 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 external input terminals accepts a normally closed or normally open remote switch. You can connect a dry closed circuit (no power) from standard hardwire intrusion or smoke detectors.

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.
- External input - accepts normally closed (NC) or normally open (NO) dry (no power) circuits from standard hardwire intrusion devices, including fast responce devices.
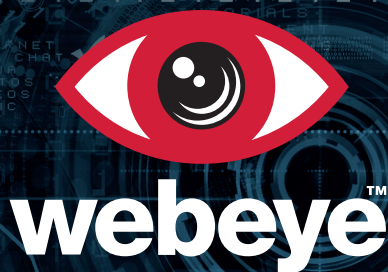- Lithium battery - up to 4 years battery life.

Applications

Residential

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

Commercial

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

016:V/WEBEYE/EDITION1/V1/JULY2020

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Power requirements

Type	1 x CR123A Lithium Battery
Nominal voltage	3V
Low battery limit	2.8V
Battery life(Estimated)	Up to 4 years

Current consumption

Standby	37uA
Max	35mA (with alarm and communication)

Detection Properties

Internal detection	I.L.S with provided Alnico magnet
Axis detection	3 axis (X, Y, Z)
Opening detection distance	2.3 cm (axis Y & Z)
	1.4 cm (axis X)
Closing detection distance	2 cm (axis Y & Z)
	1.2 cm (axis X)
Initialisation delay	10s
Recovery time	2s
External detection	Wired input
Max wire length	16m
Input type	NC or NO (recorded during det. test

Radio Properties

RF Wiselink - 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)	
902/907.5MHz & 915/928MHz - FHSS - ICT800 (Brazil)	
Transmission Security	AES algorithm encryption
Supervision	Radio, batteries, tamper
Antenna	Integrated
Tamper	Wall and cover tamper

Physical Data

Material Plastic	ABS UL94-V0
Dimensions	79.3 x 35 x 24.6mm
Weight	32g (without batteries)
IP Rating	IP30/IK04

Environmental Properties

Operating temperature	-10° to +55°C (14° to 131°F)
Maximum relative humidity	75%, non-condensing

Installation / Mounting

Mounting support	Non-ferromagnetic
	surface (ex : wood)
Wall mounting	2 screws
Box sealing	1 screw

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STANDARDS AND CERTIFICATIONS

868MHz (ICT200)

Compliant with the annex IV of the R&TTE Directive 1999/5/EC
EN 60950-1   2006 +/A11:2009+/A1:2010+/AC:2011+/A12:2011+/A2:2013
EN 62311   2008
EN 55032   2014
EN 301489-1 V1.9.2 ; EN301489 V1.6.1
EN 300220-2 V2.4.1

902/928MHz (ICT601)

USA FCC   Part 15C
Canada IC   RSS-247 Issue 1

915/928MHz (ICT702)

Australia   AS/NZS4268

902/907.5MHz & 915/928MHz (ICT800)

Brazil

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.

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