SPECIFICATION SHEET

INDOOR CONTACT TRANSMITTER **ICT200 ICT601 ICT702**

- Wireless interactive technology
- Magnetic door contact function
- Universal wired input function
- Dual tamper
- Lithium powered - 4 years battery life

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 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

> 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.

> External input - accepts normally closed (NC) or normally open (NO) dry (no power) circuits from standard hardwire intrusion devices, including fast response devices.

> Lithium battery - up to four years battery life.

Applications

Residential

> Doors

> Windows

> Cabinet doors/drawers

> Other similar openings

Commercial

> Doors

> Windows

> Overhead garage doors

> Cabinet doors/drawers

> Other similar openings

MADE IN FRANCE

ELECTRICAL PROPERTIES

Panel compatibility	W, X and VISIO panels

Battery	Type C - CR123A - Lithium battery
Nominal voltage	3 V
Low battery limit	2.8 V
Estimated battery life	Up to 4 years
Current consumption	
Standby (1h average)	37 µA
Max	35 mA (with alarm and communication)

RADIO PROPERTIES

RF S2View® technology	
Radio type	Spread spectrum RF bidirectional
Operating frequency	• 868MHz - ICT200 (Europe, Africa, Asia) • 915MHz - ICT601 (Americas) • 920MHz - ICT702 (Australia, Chile, Peru, Paraguay)
Transmission security	AES algorithm encryption
Supervision	Radio, batteries, tamper
Radio antenna	Integrated

DETECTION PROPERTIES

Internal detection	I.L.S with provided Alnico magnet
Axis of 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)
External detection	Wired input
Max wire length	16m
Input type	NC or NO (recorded during detection test)

Tamper	
Tamper detection	
	Cover and wall tamper

BOX

Physical properties	
Material	ABS UL94-V0
Dimensions	79.3 mm x 35 mm x 24.6 mm
Weight	32 g (without battery)

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

CE **868MHz (ICT 200)**

Compliant with the annex IV of the R&TTE Directive 1999/5/EC

FC **915MHz (ICT 601)**

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

920MHz (ICT 702)

Australia RCM	AS/NZS4268