



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

## Description

The **CT 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 CT 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



# UNIVERSAL DOOR CONTACT **CT201 CT601 CT702**

## ELECTRICAL PROPERTIES

<b>Panel compatibility</b>	W, X and VISIO panels
<b>Battery</b>	Type C - LS14500 SAFT - Lithium battery
Nominal voltage	3 V
Low battery limit	2.7 V
Estimated battery life	Up to 4 years
<b>Current consumption</b>	
Standby (1h average)	30 µA
Max	70 mA (with alarm and communication)

## RADIO PROPERTIES

<b>RF S2View® technology</b>	
Radio type	Spread spectrum RF bidirectional
Operating frequency	<ul style="list-style-type: none"> <li>• 868MHz - CT201 (Europe, Africa, Asia)</li> <li>• 915MHz - CT601 (Americas)</li> <li>• 920MHz - CT702 (Australia, Chile, Peru, Paraguay)</li> </ul>
Transmission security	AES algorithm encryption
Supervision	Radio, batteries, tamper
Radio antenna	Integrated

## DETECTION PROPERTIES

<b>Internal detection</b>	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)
<b>External detection</b>	Wired input
Max wire length	16m
Input type	NC or NO (recorded during detection test)
<b>Tamper</b>	
Tamper detection	Cover and wall tamper

## BOX

<b>Physical properties</b>	
Material	ABS UL94-V0
Dimensions	79.3 mm x 35 mm x 24.6 mm
Weight	32 g (without battery)
<b>Environmental properties</b>	
Operating temperature	-10°/+55°C
Max relative humidity	75%, without condensing
<b>Installation / Mounting</b>	
Mounting support	Non-ferromagnetic surface (ex : wood)
Wall mounting	2 screws
Box sealing	1 screw

## STANDARDS AND CERTIFICATIONS


**868MHz (CT 201)**

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


**915MHz (CT 601)**

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


**920MHz (CT 702)**

Australia RCM	AS/NZS4268
---------------	------------

**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
