

Description

are battery operated, wireless door contacts designed for use in RSAlarm™ security systems. Door contacts are intended for use in detecting the opening and closing of doors, windows, or cabinet doors/drawers.

The CT600 and CT610 consist of a switch detector with S2View® spread spectrum, videofied, interactive, encrypted wireless circuitry for secure two-way communications with 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 remote switch. You can also connect a dry closed circuit (no power) from standard hardwire intrusion or smoke/heat detectors. An internal jumper selects the sensors mode of operation, whether the internal reed switch, external input, or both are active.

The detector is powered by one lithium battery that can last four years or more, 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 open/close state, tamper conditions, serial number, date of manufacture, software version and battery status.

Applications

Residential

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

Commercial

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

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) dry (no power) circuits from standard hardwire intrusion devices, including fast response devices.*
- *Three working modes: internal reed switch only, external input only, internal switch and external input.*
- *Lithium battery–lasts at least four years (estimated).*
- *Two colors–available in white or brown.*



Electrical Data

Power requirements	One 3.6 V battery
Battery type	Lithium, LS14500
Battery life (estimated)	At least 4 years
RF technology	S2View®
Radio type	Spread Spectrum Bidirectional RF
Operating frequency	915MHz, 25 frequencies
Transmission security	AES algorithm encryption
Supervision	Transmits check-in signal every 8 minutes
Antenna	Integrated
Tamper detection	Wall and cover tampered
External terminal input type	Normally closed (NC)
Working modes	1-internal reed switch only 2-external input only 3-internal switch and external input
Mode selection	Jumper wire on 3-position terminal block
Maximum external wire length	50 feet, 16 m
Operating temperature	32° - 104° F (0° - 40° C)
Maximum relative humidity	70%, non-condensing
UL Listings	1023 applied for

Physical Data

Material	Plastic: ABS-ULV0
Magnet	Alinco 5
Dimensions	(LxWxD): Detector: 3 1/8 in. x 1 3/8 in. x 1 in. (80 mm x 35 mm x 23 mm)
Weight: Detector	1.4 oz. (40 g)-without battery

Installation/Mounting

Detector	One screw secures detector to base; two screws secure detector to mounting surface.
Magnet	Two screws secure magnet assembly to mounting surface.
Spacing	Maximum 3/8 in (10 mm) gap between detector and magnet.



4455 White Bear Parkway, Suite 700
White Bear Lake, MN 55110
USA

Toll Free: 877-206-5800
Fax: 763-784-0200
www.videofied.com