



Product Summary

The Door Contact Models CT600/CT201/CT700 (white) CT610/CT211/CT710 (brown), are wireless, universal door contacts designed for use in RSI VIDEO TECHNOLOGIES™ security systems. The contact includes the following features:

- > Lithium battery for long life
- > External input for normally closed (NC) intrusion devices
- > Dual tamper function provides detection for both wall and cover tamper.
- > Transmits check-in/status signal every 8 minutes

Installation Guidelines

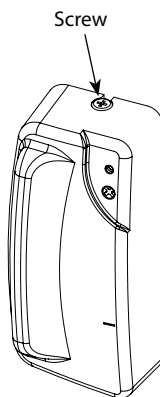
For easier installation, programming and RF testing should be done to check for good communication between the control panel and all system devices before mounting system devices. Install the detector and other system devices in the following order:

- > Programming/RF Testing—program detector and all other devices into the control panel and test RF communication from each intended device location to the control panel.
- > Mounting—mount detector at the tested location.

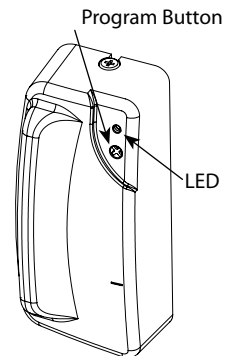
Programming/RF Testing

The following provides summarized steps for device programming and testing. For complete details, refer to the control panel installation manual.

- 1 Loosen bottom screw, separate base from detector and install battery.
- 2 Re-attach base to secure tamper switch.
- 3 Put control panel into programming/configuration mode.
- 4 Using a programmed alphanumeric keypad, proceed through menus until the display shows ADD A NEW DEVICE.
- 5 Press Yes. The display shows PRESS PROGRAM BUTTON OF DEVICE.
- 6 Press and release program button on detector using a paper clip end. The detector LED flashes. Wait for keypad display to show DETECTOR (1 - 24) RECORDED.
- 7 Press Yes. The display shows RADIO RANGE TEST? Press Yes again. The detector LED starts flashing and keypad display shows TEST IN PROGRESS.
- 8 Take detector to its intended mounting location and make sure LED flashes continuously, indicating good communication with control panel.
- 9 Press Yes to end radio range test, then press Esc/No.



- 10 The display shows AREA ASSIGNMENT AREA: 1. Press either arrow button repeatedly until desired AREA number appears, then press Yes.
- 11 The display shows PROTECT AN EXTERNAL ACCESS? Press Yes or Esc/No, whichever is appropriate for this device.
- 12 The display shows NAME + LOCATION. Enter appropriate device name/location (up to 16 characters), then press Yes. The display shows the device number and name for your verification.
- 13 Press Yes. The display shows FUNCTIONAL DEVICE TEST? Press Yes again and verify detector operation. For example, move magnet next to detector to make LED go out, then move magnet away from detector to make LED turn on indicating detection.
- 14 Press Yes to end detection verification.
- 15 The display shows ADD A NEW DEVICE? Repeat steps 1 - 14 for remaining detectors.
- 16 When finished, exit from configuration mode.

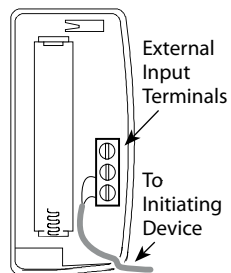
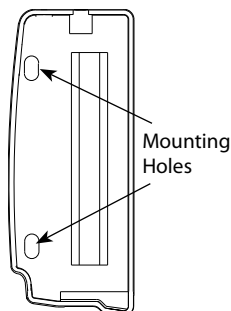


Mounting

- > Use proper tools and hardware.
- > Mount indoors in a temperature-controlled environment.
- > Mount detector on frame and magnet assembly on movable opening (door, window).
- > When using internal switch, mount so that detector and magnet alignment marks are lined up with each other.
- > When using internal switch, do not exceed 3/8-inch/10 mm gap between detector and magnet.
- > Magnet spacers must be used to match magnet height with detector to ensure correct alignment and functionality.

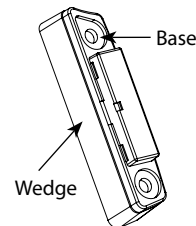
Note: If detector installation only requires use of the external input, magnet assembly installation is not required.

- 1 Separate base from detector.
- 2 Hold detector base against mounting surface and mark the two mounting holes.
- 3 Drill pilot holes into mounting surface.
- 4 Mount detector base to surface using appropriate screws.
- 5 If using external input, run 2-conductor, 22-gauge wire from protection point to detector.
- 6 Connect hardwire circuit wires to external input screw terminals.
- 7 Connect other end of wires to initiating device and install the battery.
- 8 Attach detector to base, making sure every wire is secure with screws.



- 9 Attach wedges to magnet holder as needed to match height of detector.
- 10 Hold magnet base against mounting surface and mark the two mounting holes.

Note: Be sure alignment marks on detector and magnet base are lined up with each other and that there is no more than a 3/8-inch (10 mm) gap between them.



- 11 Drill pilot holes into mounting surface.
- 12 Insert screws through magnet base and wedges, then secure to mounting surface.
- 13 Attach cover to magnet holder.

The internal jumper shown in position for possible connections.

Internal Reed Switch



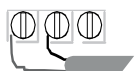
1. Internal reed switch only

External Reed Switch



2. External reed switch only

Int + Ext Reed Switch



3. Both Int. and Ext. switch use

External Input Terminal, Jumper position and wiring

Note: The internal jumper wire is only used for internal or external switch use. The jumper is not used when both Int. and Ext switches are used together. The default jumper position is in the Internal switch mode. It only has to be changed if wiring external switches to the transmitter.

Regulatory Information

FCC Part 15

This device complies with FCC Rules Part 15.

Operation is subject to the following two conditions:

- 1.) This device may not cause harmful interference and,
- 2.) this device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by RSI VIDEO TECHNOLOGIES, Inc. can void the user's authority to operate the equipment.

Specifications

Panel Compatibility	VIDEOFIED V6000/VISIO1000/V7000
Operating Frequency	915/868/920 MHz
Radio type	Spread Spectrum Bidirectional RF
Power Requirements	One 3.6 V lithium battery
Battery Type	LS14500
Operating Temperature	32° - 104° F (0° - +40° C)
Maximum Relative Humidity	70% non-condensing
Dimensions (LxWxD)	3 in. x 1-3/8 in. x 1 in. / (80 mm x 35 mm x 23 mm)
Weight	1.4 oz. (40 g) without battery
Approvals	UL / FCC (CT600/610) CE / EN50131 / EN300220 / INCERT/ IDA / NCP (CT201/211) A-Tick (CT700/710)



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