Product Summary

The Outdoor Badge Reader Model BR650/BR250/BR750 is designed for use in operating a RSI VIDEO TECHNOLOGIES™ security system. The Outdoor Badge Reader includes the following features:

> Totally wireless, battery operated

> Dual tamper function provides detection for both wall and cover tamper.

> Transmits check-in/status signal every 8 minutes

> Mobility- Use outdoors or indoors with a fully weather proof casing withstanding temperatures from -20 to 140° F (-30 - +60° C)

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 Badge Reader and other system devices in the following order:

> Programming/RF Testing—program Badge Reader and all other devices into the control panel and test RF communication from each intended device location to the control panel.

> Mounting—mount Badge Reader 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. Remove top and bottom screw, separate base from Badge Reader and install batteries.

2. Put control panel into configuration/ add a new device mode using the keypad.

3. Press the programming button on the inside of the case

4. Wait for keypad display to show Badge Reader Recorded

5. Re-attach base to secure tamper switch

6. Press Yes on the keypad. The dis play shows RADIO RANGE TEST? Press Yes again. The Badge Reader LED starts flasing and keypad display shows TEST IN PROGRESS.

7. Take badge reader to its intended mounting location and make sure LED flashes continuously, indicating good communication with control panel.

8. Press Yes to end radio range test, then press Esc/No.

9. The display shows OPERATION COMPLETED? Press Yes. Repeat steps 2 - 8 for remaining badge readers.

10. When finished, exit from configuration mode.

Mounting

> Use proper tools and hardware.

> Mount where Badge Reader can be reached by users.

> Mount near point of Entry/Exit.

1 Separate base from Badge Reader

2 Hold base up against mounting surface and mark the three mounting holes.

3 Drill pilot holes and install anchors where needed.

4 Place base on mounting surface so mounting holes line up with pilot holes/anchors and secure unit with appropriate screws.

5 Install batteries, observing correct polarity.

6 Attach front cover of Badges Reader and secure with screws.

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	Three 3.6 V Lithium Batteries
Battery Type	LS14500
Operating Temperature	-20° - +140° F (-30° - +60° C)
Maximum Relative Humidity	90%, non-condensing
Dimensions	(LxWxD) 5 1/2 in. x 3 1/2 in. x 1 1/2 in. (140 mm x 90mm x 38 mm)
Weight	4.8 oz./136 g (without batteries)
Approvals	UL / FCC (BR650)
	CE / EN50131 / EN300220 / IDA / NCP (BR250)
	A-Tick (BR750)

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