

Description

The Outdoor Badge Reader Model BR650 is a battery operated, wireless Badge Reader designed for arming and disarming operation of RSI Video Technologies security systems.

The Badge Reader consists of two LEDs for status information, a built in sounder, S²View Spread Spectrum, interactive, encrypted wireless circuitry for secure two-way communication with the control panel, and is multi badge programmable.

The LED display provides status information of arming, disarming, partial arming, tamper fault, and maintenance.

The Badge Reader is typically installed near entry/exit doors to allow system users enough time to arm and exit the premises, and to enter and disarm the system before time delays expire. When the system is armed, the built in sounder emits short beeps and one red and one green LED flash to identify arming. Upon entering the armed premises and swiping a programmed badge, the built in sounder emits short beeps and two green LED flashes to identify disarming. A dual tamper function provides detection for both Badge Reader cover and wall tamper.

The Badge Reader is powered by three lithium batteries that can last four years or more, depending on the amount of Badge Reader activity. The Badge Reader transmits a check-in signal every 8 minutes that includes its unique identification code, along with the tamper condition, serial number, date of manufacture, software revision and battery status.

Features

- *S²View® -Spread Spectrum, Videofied, Interactive AES Encrypted Wireless technology provides optimum signal integrity and security*
- *Mobility- Use outdoors or indoors with a fully weather proof housing with standing temperatures from -40 to 140° F (-40 - +65° C)*
- *Displays two LED flashes along with a series of beeps to identify the armed or disarmed status*
- *Built in sounder lets you know when the Badge Reader detects your card or badge*
- *Lithium batteries- last at least four years (estimated)*
- *Dual Tamper- provides detection for both wall and cover tamper conditions*
- *Supervised- Transmits a check-in/ status signal every 8 minutes indicating tamper state, serial number, date of manufacture, software revision and battery status*
- *Uses MIFARE class, 13.56MHz, 1K or 4K, Keyfobs or badges*
- *6" Gimble mount provided*

Applications

- *Arming and disarming RSI Video Technologies security systems*



Electrical Data

Power requirements	Three 3.6 V batteries
Battery type	Lithium, LS14500
Battery life (estimated)	At least 4 years
RF technology	S ² View®
Radio type	Spread Spectrum Bidirectional
Operating frequency	915 MHz. (US), 920 MHz (AUS) 868 Mhz (EU) 25 frequencies
Transmission security	AES encryption algorithm
Supervision	Polled signal every 8 minutes
Antenna	Integrated
Tamper detection	Wall and Cover tamper
Display lighting	Automatic/ 2 LED
Built in sounder	Emits arm and disarm beeps
Operating temperature	-20° - 140° F (-30° - 60° C)
Maximum relative humidity	95%, non-condensing
UL listings	1023 (applied for)

Physical Data

Material	Polycarbonate UL94
Dimensions	(LxWxD): 5 1/2 in. x 3 1/2in. x 1 1/2 in. (140 mm x 90 mm x 38 mm)
Weight	4.8oz./136 g (without batteries)

Installation/Mounting

Unit/Base	2 screws secure the Badge Reader to the base. 3 screws secure base to flat mounting surface.
Mounting height	7.5 to 9.0 ft. (2.3 to 2.8 m)



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