



Description

The Outdoor Proximity Reader Model BR751 is a battery operated, wireless Proximity Reader designed for arming and disarming operation of VIDEOFIED[®] security systems.

The Proximity 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 Proximity 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 Proximity Reader is powered by three lithium batteries that can last up to four years or more, depending on the amount of Proximity Reader activity. The Proximity 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 -20° to +60°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 - four years.
- > 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.

Applications

- > Arming and disarming VIDEOFIED[®] security systems.



AUSTRALASIAN SALES - HEAD OFFICE

2A Mammoth Business Centre
7172 Bruce Hwy, Forest Glen
QUEENSLAND, Australia

Hot line : 1300 46 44 55 Or +61(0) 7 5453 73 55
Fax : +61 (0) 7 5453 73 93
www.videofied.com.au
email : support@videofied.com.au

Electrical Data

Power requirements	Three 3.6 V batteries
Battery type	Lithium, LS14500
Battery life	Up to 4 years
RF technology	S ² View [®]
Radio type	Spread Spectrum Bidirectional
Operating frequency	920 MHz
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	-30°/+60°C
Maximum relative humidity	95%, non-condensing
Approvals	CE / EN 50131 / EN 300220 / IDA / NCP (BR251) FCC (BR651) A-Tick (BR751)

Physical Data

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

Installation/Mounting

Unit/Base	2 screws secure the Badge Reader to the base. 3 screws secure base to flat mounting surface .
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BR means BR651 for USA/Canada, BR751 for Australia/Singapore and BR251 for Europe and rest of the world.



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