

- > **Wireless interactive technology**
- > **Mobility-Use outdoors or indoors with a fully weatherproof casing withstanding temperatures from -25°C to +70°C (-13°/158°F).**
- > **Transmits check-in/status signals every 8 minutes**
- > **Lithium batteries : 4 years lifespan.**

Description

The **Outdoor Proximity Reader Model BR** 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 withstanding temperatures from -20° to +70°C (-13°/158°F).
- > 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 badges.

Applications

- > Arming and disarming Videofied security systems.

Electrical Data

| | |
|-----------------------------|---|
| Power requirements | Three 3.6 V batteries |
| Battery type | Lithium, LS14500 |
| Battery life | Up to 4 years |
| Standby current consumption | 24µA |
| Low battery limit | 2.75 V |
| RF Technology | S2View® |
| Radio Type | Spread Spectrum Bidirectional |
| Operating frequency | 868MHz - BR250 (Europe, South Africa, Asia) 915MHz - FHSS - BR651 (USA, Canada, South America) 920MHz - FHSS - BR752 (Australia, South America) |
| 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 | -25°/+70°C (-13°/+158°F) |
| Maximum relative humidity | 95%, non-condensing |

Installation/Mounting

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|-----------|---|
| Unit/Base | 2 screws secure the Badge Reader to the base |
| | 3 screws secure base to flat mounting surface |

Physical Data

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|-------------------|--|
| Protection rating | IP44 / IK08 |
| Material | Polycarbonate UL94 |
| Dimensions | 140 mm x 90 mm x 38 mm (LxWxD): 5 1/2 in. x 3 1/2 in. x 1 1/2 in. |
| Weight | 136 g/4.8oz. (without batteries) |

Standards & Certifications

868MHz (BR250)

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|----|------------------|-------------------------|
| CE | Standards : | |
| | EN60950-1 : | 2006 +A11+A1+AC+A12 |
| | EN300220-1 | V2.4.1 |
| | EN300220-2 | V2.4.1 |
| | NF EN50130-5: | 2011 Class IV |
| | NF EN50131-3: | 2009 - Grade 2 |
| | NF EN50131-5-3: | 2005+/A1:2008 - Grade 2 |
| | NF EN50131-6: | 2008 Grade 2 -Type C |
| | Certifications : | |
| | Europe | CE / EN50131 Grade 2 |
| | Pays-Bas | NCP |
| | Singapour | IDA |
| | Afrique du Sud | ICASA |

915MHz (BR651)

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|-----|--------|---------------------------------|
| FCC | USA | FCC Part 15C (FCC47 CFR part15) |
| | Canada | IC (RSS-210 Issue 8) |

920MHz (BR752)

| | | |
|--------|-----------|--------|
| C-Tick | Australie | C-Tick |
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The BR references are BR651 for USA/Canada/Latam, BR752 for Australia/Singapour and BR250 for Europe and the rest of the world.

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