

Product presentation

The BR badge reader is designed to be used within a Videofied™ alarm system.

Its main features are :

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

Installation and Programming

The following provides summarized steps for device programming and testing.

- 1 Mount the base to the wall observing the "TOP" marking.
 - 2 Insert 3.6V DC LS14500 Lithium batteries observing correct polarity.
 - 3 With the programming keypad, browse to the ADD A NEW DEVICE menu (Level 4).
 - 4 Press OK/YES. The keypad displays PRESS PROGRAM BUTTON OF DEVICE.
 - 5 Press program button. The button blinks in green. Wait for keypad to display BADGE READER *n* RECORDED.
 - 6 Press OK/YES. The display shows RADIO RANGE TEST?
 - 7 Press OK/YES again to run the test. The keypad display shows TEST IN PROGRESS.
 - 8 Please make sure the top LED blinks in red, indicating good communication with the control panel. The test result must stabilize at 8/9 as a minimum.
- If the radio range level is below 8/9, change the location of the detector to obtain satisfactory radio range level.
- 9 Press OK/YES to end the radio range test then ESC NO.
 - 10 Choose a zone for that badge reader (by default that zone will be delayed) and name it.
 - 11 The keypad displays OPERATION COMPLETED ? Mount the badge reader on its base and press OK/YES.
 - 12 Name the detector. When finished, keep ESC NO pressed to exit from configuration mode.

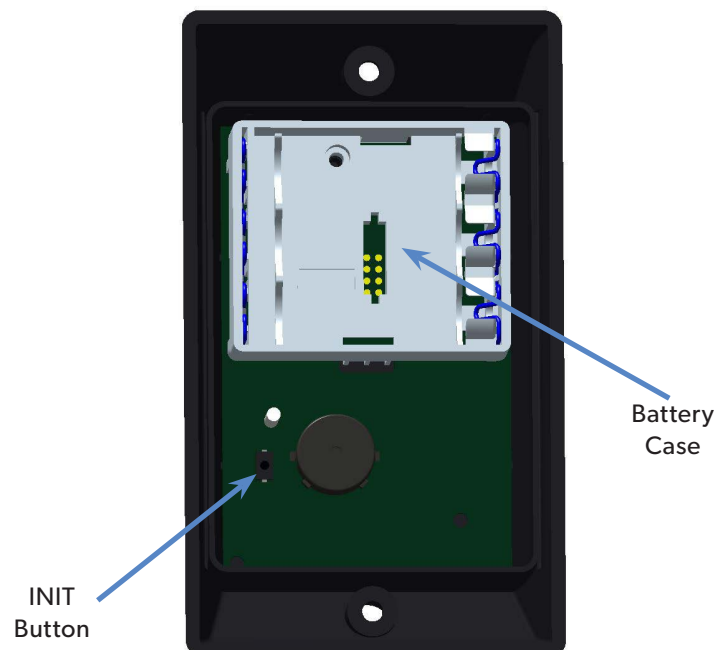
For full programming details, please refer to the control panel installation manual.



Installation guidelines

RF testing will ensure good communication between the control panel and all system devices. Install the badge reader and other system devices in the order of the following steps :

- > Program the badge reader and all other devices into the control panel and test RF communication from each intended device location to the control panel.
- > Mount the badge reader at the final location.



Functioning of indicators



During arming

When reading the badge, the reader emits a beep, then two beeps indicating the badge has been accepted. The LED indicators of the reader are going to indicate a message:

Problem was identified during the incomplete arming (detection in and instant area)

Everything is fine : System is arming



The LEDs will stay on for 5 seconds

The arming stops. The two indicators flash green for 5s then turn off: A fault was detected. In order to know more about what happened a keypad is required. Without action from the user, arming will start again after 3 min and the concerned detector will be bypassed from this arming.

Flashing of the top red indicator (only) every second during arming delay. The top red indicator flashes every two seconds indicating that the system is armed.



During disarming

When reading the badge, the reader emits a beep, then two beeps indicating the badge has been accepted. The LED indicators of the reader are going to indicate a message:

An alarm triggered on

There was no alarm

The top indicator flashes green for 2s, and that of the bottom flashes fixed green light and the reader beeps 4 times

The two indicators remain on with fixed green light for 5 seconds



Verify with a keypad in order to know more about what happened

The two indicators turn off, the system is disarmed.

Notes de sécurité / (EN) Security notes / (DE) Hinweise zur Sicherheit

Français

- Retirez les piles avant toute opération de maintenance !
- Attention ! Il y a un risque d'explosion si l'une des piles utilisées est remplacée par une pile de type incorrect !
- Respectez la polarité lors de la mise en place des piles !
- Ne jetez pas les piles usagées ! Ramenez-les à votre installateur ou à un point de collecte spécialisé.

English

- Remove battery before any maintenance !
- WARNING, there is a risk of explosion if a battery is replaced by an incorrect type!
- Observe polarity when setting up the batteries!
- Do not throw away used batteries! Dispose of them properly according to Lithium Metal requirements

Deutsch

- Batterien vor jeglichen Wartungsarbeiten entfernen!
- Vorsicht, es besteht Explosionsgefahr, wenn eine Batterie durch eine Batterie falschen Typs ersetzt wird!
- Achten Sie beim Einsetzen der Batterien auf die Polung!
- Entsorgen Sie Batterien nicht im normalen Haushaltsmüll! Bringen Sie Ihre verbrauchten Batterien zu den öffentlichen Sammelstellen.

FCC Regulatory Information for USA and CANADA

FCC Part 15.21 Changes or modifications made to this equipment not expressly approved by RSI Video Technologies may void the FCC authorization to operate this equipment.

FCC Part 15.105 Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- > Reorient or relocate the receiving antenna.
- > Increase the separation between the equipment and receiver.
- > Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- > Consult the dealer or an experienced radio/TV technician for help.

Radio frequency radiation exposure information according 2.1091 / 2.1093 / OET bulletin 65

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé.

Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

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

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

- 1 L'appareil ne doit pas produire de brouillage, et
- 2 L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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

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

Physical Data

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)

Standards :	
CE	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
Netherlands	NCP
Singapour	IDA
SOut Africa	ICASA

915MHz (BR651)

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

920MHz (BR752)

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

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