

### INSTALLATION DATA SHEET

Made by RSI VIDEO TECHNOLOGIES

### **Description**

The proximity reader can be placed in the interior or exterior because the electronic card is weather proof. This device is used for arming and disarming a VIDEOFIED® system. The recording of the badge reader in a recording area makes that area and all devices in that area subject to the entry and exit delays.

### **Characteristics**

It is possible to record 19 badges, each badge takes the position of a user code. Example: 5 badges recorded + 4 keypad user codes, remaining 10 codes and/or badges available.

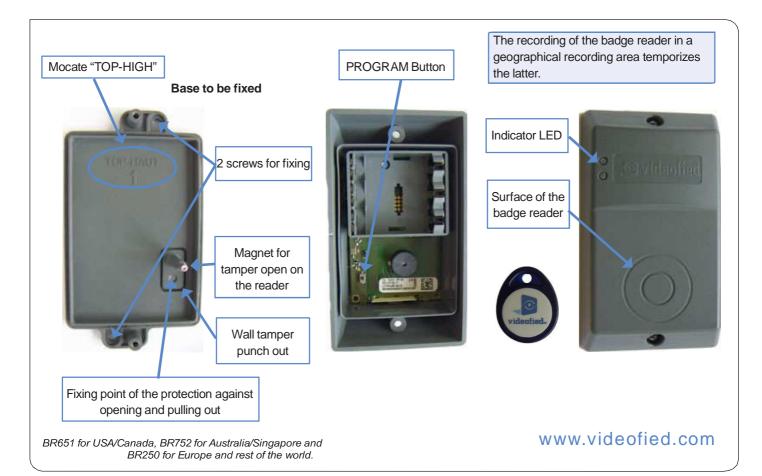
In order to read the badge, the badge must be placed in contact with the reader surface for approximately half a second (a beep is emitted when the badge is read).

Remark: The total starting up and stopping are handled by the badge readers ...

# Recording of the proximity reader

The alarm panel must be put in "Recording device mode", and the keypad must display "PRESS PROGRAM BUTTON OF DEVICE".

- Fix the base with marks «TOP-HIGH», upwards. Fix the screw under the base matter part, so that the arming to be operational.
- Insert, the first (lithium battery LS14500), wait for 2 beeps of the reader then insert the 2 other batteries (in the same direction).
- Press the PROGRAM Button, release as soon as the indicator flashes.
- Allocate a zone (with the keypad direction arrows), validation by the touch [YES].
- Give it a name and validate with the [YES] key.



# Recording a new badge

With the keypad, go to the menu:

### Display of the keypad

**↓** 

BADGES ACCES CODES

Key in your (Installer or User level 3) code

BADGE OR CODE

ENTER A BADGE / CODE



BADGE OR CODE

Place your badge on the reader until you hear two beeps then after a few seconds the display will change

**Actions and commentaries** 

**BADGE NAME** 

Name this badge +

Then repeat the operation for other badges or press on [ESC] for 5 seconds to return to the initial menu.

### Delete a code

With the keypad, go to the menu:

### Display of the keypad

**Actions and commentaries** 

ENTER A
BADGE / CODE



DELETING BADGES/CODES



Then to choose the concerned badge to select the badge.

DELETING CODE ACCESS 5



to accept the deletion

**BADGE DELETED** 

Then repeat the operation for other badges or press on [ESC] for 5 seconds to return to the initial menu.

BR651 for USA/Canada, BR752 for Australia/Singapore and BR250 for Europe and rest of the world.

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as many times as possible to select the required

# Modify the level of a code (Requires a level 3 code)

With the keypad, go to the menu:

# ENTER A BADGE / CODE BADGE / CODE CONFIGURATION The choose the concerned badge and to select the badge. MODIFY NAME BADGE / CODES

Then for 5 seconds to return to the initial au menu.

### Reminder:

**LEVEL 1** = Arming, disarming and partials.

LEVEL ACCESS 3

**LEVEL 2 and 3** = LEVEL 1

- + Reading event logs
- + Changing date and time
- + Check of the correct functioning of the system

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# **Functioning of indicators**

The complete functioning of the indicators is only possible with the aid of VISIO v5.2 / V6000 V31.02 or superior panels.

### At the arming



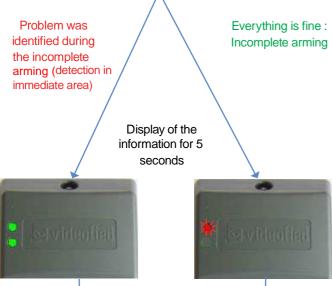
# At the disarming



In the reading of the badge, the reader emits a beep, then two indicators of the reader are going to indicate a message:

In the reading of the badge, the reader emits a beep, then two beeps indicating the good consideration of the order. Then the

beeps indicating the good consideration of the order. Then the indicators of the reader are going to indicate a message:



The arming stops.

The two indicators flashes green

for 5s then goes off: A fault was

detected.

Verify the keypad in order to

know more of what happened.

Without action from the user,

arming will start again after 3 min and the concerned detector by detection will be excluded from arming.

Flashing of the top red indicator (only) every second during temporisation.

Then the top red indicator flashes every two seconds indicating that the system is well armed.

An alarm triggered There was no alarm on

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



The indicators goes off, the system is stopped.

BR means BR651 for USA/Canada, BR752 for Australia/Singapore and BR250 for Europe and rest of the world.

# **Properties**

Panel Compatibility Visio, XT, XL, XT-IP, XV, XV-IP

**Power Requirements:** 

Type C
Nominal Voltage 3.6V
Low battery limit 2.7V
QTY and Battery Type Three 3.6V Lithium battery
Battery type Lithium, LS14500
Battery life Up to 4 years

**Current Consumption:** 

Standby 24uA Max 120mA

RF Technology: S<sup>2</sup>View<sup>®</sup>

Radio type Spread Spectrum Bidirectional RF

Central Frequency 868MHz : BR250 (Europe, Africa, Asia)

 $915\,MHzFHSS:BR651(USA,Canada,SouthAmerica)$ 

920MHz FHSS: BR752 (Australia, South America)

Transmission Security AES algorithm encryption
Supervision Polled signal every 8 minutes

Antenna Integrated

Tamper:

Wall and cover tamper

Display lightening:

Automatic / 2 LED

Built in sounder:

Emits arm and disarm beeps

### **Physical Data**

Operating temperature
-30° to +60°C (-20°to140°F)

Maximum relative humidity
95%, non-condensing

Material
Plastic: Polycarbonate UL94

Dimensions
LxWxD

5 1/2 in. x 3 1/2in. x 1 1/2 in. (140 x 90 x 38mm)

Weight: Detector
136g/4.8oz. – without battery

Physical Protection
IP65

### Installation/Mounting

Detector Two screws secure the Badge Reader to the base.

Three screws secure base to flat mounting surface.

### **Certifications & standards**

### 868MHz - BR250

Standards:

EN60950-1:2006+/A11:2009+/A1:2010

EN300220-1 V2.4.1 EN300220-2 V2.4.1

NF EN50130-4:1995+/A1:1998+/A2:2003;

NF EN50130-5:1998 Classe II NF EN50131-2-3:2008 - Grade 2 NF EN50131-5-3:2005 - Grade 2 NF EN50131-6:2008 Grade 2 -Type C

Certifications

Europe CE/EN50131 Grade2

Pays-Bas NCP
Singapour IDA
Afrique du Sud ICASA

### 915MHz FHSS-BR651

Certifications

USA FCC Part 15C (FCC47 CFR Part 15)

CANADA IC (RSS-200 Issue 8)

920MHz FFHS - BR702

Certifications

Australia C-Tick

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

### **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.

### **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.

### **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 VideoTechnologies 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.

# Proximity Reader BR 250/651/752

### INSTALLATION DATA SHEET

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:

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



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