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IBR-ZREMOTE AUTOMATION INTERFACE DEALER INSTALLATION INSTRUCTIONS

WI2125 10/14

INTRODUCTION

This document identifies the hardware and software configuration changes needed for customers to utilize the Automation Interface provided in the iBridge **IBR-ZREMOTE Z-Wave® Controller**.

EQUIPMENT

An iBridge **IBR-ZREMOTE** with updated firmware and new alarm control panel firmware are required to utilize the Automation Interface. The enclosed **IBR-ZREMOTE** has already been updated and should be installed in accordance with the **iBridge Suite Quick Start Guide** (WI1980A). The alarm control panel may require updating as described below.

CONTROL PANEL FIRMWARE

Control panels may require a firmware upgrade as described below. If you have purchased a model **A-GEM-PXXX** or **A-GEM-X255**, the control panel already has the Automation Interface firmware installed.

GEM-P816, P1632, P1664 [Must be version 31A or greater]

1. Upload the existing program (from the existing control panel to be upgraded) using PCD-Windows Quickloader V6.3.2 software (included in the Beta Kit).
2. Power-down the existing control panel completely.
3. Replace the existing control panel EPROM with the new V31 EPROM.
4. Power up the control panel and access Dealer Programming via the keypad.
5. In Direct Address Programming, perform a Cold Start at address 2286. This can be performed from any keypad in the system.
6. Re-program the control panel via keypad programming or download the account previously uploaded using PCD-Windows Quickloader V6.3.2 software.

GEM-P3200, P9600, X255 [EPROM Model – Known as 6X series] [Must be version 60-A23 or greater]

1. Upload the existing program (from the existing control panel to be upgraded) using PCD-Windows Quickloader V6.3.2 software (included in the Beta Kit).
2. Power-down the existing control panel completely.
3. Replace the existing control panel microchip with the new V60-A23 EPROM.
4. Power up the control panel and access Dealer Programming via the keypad.
5. In Direct Address Programming, perform a Cold Start at address 4093. **Note:** The Cold Start process can only be accomplished from keypad address 1. **IBR-ZREMOTES** are shipped from the factory programmed as address number 1, so you can either use a Mobile Device or a NAPCO Touchscreen if you have the **IBR-ZREMOTE** connected to a network with a wireless AP, or use the **RCM-PROGCABLE** supplied (see WI1980A).
6. Re-program the control panel via keypad programming or download the account previously uploaded using PCD-Windows Quickloader V6.3.2 software.

GEM-P3200, P9600, X255 [Flashable Model – 7X series P3200/P9600-Triangle 36+, X255 Triangle 18+] [Must be version 71K or greater]

1. Run PCD-Windows Quickloader V6.3.2 (or later).
2. Open the Account you wish to update.
3. Copy the firmware **X255SF.hex** file to your desktop from the **Version 7X Panel Firmware** folder in the

enclosed **Automation Utilities CD**. This is version 71K.

4. Click **Tools > Firmware Download**.
5. In the **Firmware Download** dialog that appears, click the **Browse** button, then click **Desktop** (to browse the desktop). Find the firmware .hex file that was downloaded to the desktop in step 3. Click the file to select it, then click the **Open** button.
6. The **Firmware Download** dialog re-appears. Click the checkbox to the right of the **Browse** button, then click **Download**. If you are performing a local download to the control panel using a PCI-Mini cable and a USB adapter, click the **Fast Download (Local Only)** radio button, then select either **USB Port** or **RS232 Port** depending on the port used by your PC.
The update process takes about 10 minutes when performing a local download or about 2-3 minutes when performing a Fast Download (Local Only).
7. When the update process is complete, find the "timestamp" image accompanied with the firmware .hex file. Compare this image with the screen that appears by clicking **Tools > Firmware Download > Versions > Update** (click **OK** to communicate with the control panel to retrieve the latest data). In the **Firmware Versions** screen that appears, ensure each date/time entry is identical to each date/time entry in the "timestamp" image (disregard the last line for the "**Bootloader**").
8. Click **Help > About Current Account** and verify the dialog box displays the following:



Keypad Configuration and Programming

After configuration, use the PCD-Windows Quickloader to ensure the keypad **Type** for the address used by the **IBR-ZREMOTE** is set to "**RCM**" (see arrow in below image). Only one (1) keypad should be set to RCM mode.

Keypad	Type	Area	Fire	Auxiliary	Panic	Ambush	EZ Arm	Remote Access Only	Log Remote Access	Panel Access	Tour Station
1	RCM	Area 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
2	Burg	Area 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
3	Burg	Area 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

Also ensure that:

- TCP/IP Communications have been enabled;
- Serial Download Cable: After completing the control panel programming, ensure the serial download cable (part W929B or MX695) is re-connected between the control panel data jack and the **IBR-ZREMOTE** data jack.