734 Wiegand Interface Modules
June 2012

Firmware Update

Effective June 5, 2012, all 734 Wiegand Interface Modules are being manufactured with Version 103 (4/23/12) software.

734 Modules with updated software will begin shipping as current stock is depleted and is estimated to occur mid to late June 2012.

Features

Fast Door Access

Communication improvements between the panel and 734 module now allow faster processing of access control credentials to grant a door access. This improved operation is available when used with the XR100/XR500 Series control panels with Version 209 (5/1/12) or higher software.

Card Options

The 734 now provides the option to select ANY for the card type. Selecting ANY allows all card reads to activate the door strike relay.

```
CARD OPTIONS:
DMP CUSTOM    ANY
```

Card Options

An access credential contains data bits for a site code, a user code, and start/stop/ parity bits. The starting position location and code length must be determined and programmed into the 734 Module. Select **DMP** to indicate the reader sends a 26-45 bit data string. To select the DMP option, press the first Select key under DMP. Default is DMP.

Select **CUSTOM** if using a non-DMP card or user code length of 6 to 10 digits.

Select **ANY** to allow all card reads to activate the door strike relay. The door strike relay is activated for the length of time programmed in ZN 3 REX TIME. No user code information is sent to the panel.

Relock on Zone 2 Change?

The RELOCK ON ZONE 2 FAULT? option has been renamed to RELOCK ON ZONE 2 CHANGE?. This option now displays regardless of the Zone 2 Bypass option being enbled. The operation now relocks the door when ANY change in the state of the zone occurs. For example: changing from OPEN to NORMAL or SHORT to NORMAL or NORMAL to SHORT causes the door lock to relock. This allows greater flexibility in zone configuration.

```
RELOCK ON ZONE 2
CHANGE?    NO YES
```

Relock on Zone 2 Change?

Select YES to turn the relay off anytime Zone 2 changes state.

Select NO to leave the relay on when Zone 2 changes state. Turning off the relay when the door closes allows a long strike time to be automatically ended and relocks the door. The default is NO.

Activate Onboard Speaker

The ACTIVATE ONBOARD SPEAKER option now defaults to **NO** instead of YES.

734 Option Names

The following 734 option names have been changed:

Using Version 103 or higher	Using Version 102 or lower
ACTIVATE ZONE 2 BYPASS	ACTIVATE ZONE 2 SOFTSHUNT
ZONE 2 BYPASS TIME	ZONE 2 SOFTSHUNT TIME
NO COMM WITH PNL	DEGRADED MODE

Updated Operation

Card Plus Pin

This issue only occurred when using the setup below and only with the 734 using Version 102 (7/25/11) software:

1. XR500E programmed to operate using Card Plus Pin (two code entries).

2. A keypad reader that includes a 26 bit Wiegand output keyboard such as the HID RPK40CKNN.

3. Access control credential that provided a 26 bit HID format (non-DMP format).

After the 26 bit credential was presented to the reader, the subsequent manual PIN entry at the keypad was incorrectly processed by the 734. The result from the panel was an invalid code.

This issue did not occur if the access control credentials provided an HID format greater than 26 bits.

Obtaining the New Software

To update to the latest software, return the 734 Wiegand Interface Module to DMP and simply indicate "Update to Latest Version Software" on the RMA tag. The Version 103 software can be loaded on hardware Level B or C 734 Modules. If you need RMA tags, contact DMP Customer Service at 1-800-641-4282.

DMP Digital Monitoring Products

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