Model 734 Wiegand Interface Module

‣ **The 734 Wiegand Interface Module allows you to add access control capability to any DMP panel.**

‣ **Operates on 12/24 VDC input**

‣ **Built-in 10 Amp at 12/24 V Form C (SPDT) door release relay**

‣ **Keypad programmable Bypass card reader and relay action operations**

‣ **Provides codeless entry plus system arming and disarming using DMP access cards or credentials; or customizable for other credentials**

FEATURES

‣ Allows codeless system arming and disarming with DMP access cards or custom options

‣ Connect Proximity readers directly to the 734

‣ Works with proximity, swipe, and insert style readers

‣ XR150 supports eight doors

‣ XR550 supports 96 doors

‣ Simple four-wire connection to keypad data bus wiring is addressable and fully supervised

‣ Provides four programmable protection zones suitable for burglary, residential fire and access applications

‣ Connect PIRs, mechanical switches, or other devices to the 734 for a Request-to-Exit (REX) feature

‣ Armed status output for armed display at entry door

‣ Built-in piezo alert sounder

‣ Remote sounder output for local annunciation

‣ High-quality terminal blocks for secure, long-lasting connections

‣ Attractive high-strength plastic housing allows mounting on walls, electrical boxes, or inside metal enclosures

‣ Supports eight different card formats

MODULE DESCRIPTION

The 734 module provides four programmable protection zones for a variety of burglary, residential fire, and access control applications. Additionally, the 734 supplies a Form C (SPDT) door strike relay, built-in piezo with remote annunciation output, data to panel LED and a four-position terminal for connecting up to two external Wiegand format proximity, swipe, or insert type readers. Includes model 333 suppressor for eliminating transient spikes due to relay switching.

PROGRAMMING OPTIONS

Flexible programming options expand the 734 module operation. With a 32-character LCD keypad and harness connected to the 734, you have flexibility to: Set door latching time for REX sites, turn the built-in piezo speaker on or off, read custom user card numbers, identify relay action modes, define custom Wiegand bits, site code, position, user code position, degraded mode operations, and more.

CONTROL ACCESS TO SPECIFIC AREAS

Users simply present their card to the reader to arm or disarm the system or open doors in those areas for which they are authorized.

UPGRADE ANY EXISTING DMP SYSTEM

Designed to allow easy upgrading, the 734 connects to existing DMP systems and makes use of current panel authority levels and access restrictions.

USE EXISTING BANK OR CREDIT CARDS

Using a swipe or insert-style reader, the 734 module can use existing bank and credit cards to validate the user code and authority with the panel. The module offers expanded card reader capabilities through programming options. With the ability to read both Wiegand or custom cards, the 734 provides more flexibility to users.

EASY ENTRY™ FEATURE

When an access card or token is presented to a reader connected to the module, the reader transmits this data to the 734 module.

This module validates the user's code against panel programming and, if authorized, the panel activates its Form C door release relay. It also arms or disarms, if programmed for those functions.

DOOR CONTACT ZONE WITH BYPASS

If the module is releasing an electric strike or magnet on a protected door, a time bypass can be provided. The bypass timer is programmable, allowing users from 20 to 350 seconds to exit through the protected door without setting off an alarm. If the door is open at the end of the bypass timer, a fault generates on Zone 2.

ZONE 3 REQUEST-TO-EXIT

You can also connect a REX device, such as a motion detector or a mechanical switch, to the module Zone 3 to provide REX capability to the system.

After a user trips the REX detector or switch, the Form C relay releases the door allowing the user to exit without setting off an alarm.

BYPASS CAPABILITY

For added security, configure the 734 with two REX devices. Users need to activate one device, such as a motion detector, and then activate a second device, such as a REX button, before the Form C relay releases and allows the door to open.

KEYPAD DATA BUS CONNECTION

The simplicity of the 734 Module is in the installation. The module connects to the four-wire keypad bus at any point along its wire run and requires an address setting through the on-board switch block.

COMPATIBLE PANELS AND OPERATING MODES

The table below shows the various panel types and required number of user code digits for arming/disarming.

SUPPORTS UP TO EIGHT DIFFERENT CARD FORMATS

The 734 module allows you to customize up to seven concurrent card formats in addition to DMP card format for compatibility with what your customers are using. This greatly expands your flexibility to easily use a format that your customers are already using without replacing existing cards.

Operation	XR100/XR500 Series	XT Series	XR150 | XR350 | XR550
Arms H/A	N/A	4-digit	N/A
Disarms H/A	4-digit	4-digit	4-digit
Arms A/P	N/A	N/A	N/A
Disarms A/P	4-digit	4-digit	4-digit
Arms Area(s)	N/A	N/A	N/A
Disarms Area(s)	4, 5, or 6-digits	4-digit	4, 5, or 6-digits

N/A Requires additional selection to arm

734N-POE DELIVERS FULL DOOR ACCESS

The 734N-POE allows both the data and power to be transmitted to the device using industry-standard POE technology. With the 734N-POE, there's no more need for a remote power supply. It allows customers to plug in one network cable to power the controller, as well as provide auxiliary power for card readers and electronic strikes.

The 734N-POE has up to 750 mA for powering an electric strike and reader. As a result, the 734N-POE provides full door access powered off of one device. Everything else works the same with no programming changes.

Specifications

Primary Power	8.5 VDC to 28.5 VDC
Current Draw	
Standby	240 mA (Includes 200 mA for proximity reader)
Alarm	260 mA (Includes 200 mA for proximity reader)
Form C Relay	35 mA at 12/24 VDC
Zones	5 VDC, 2 mA max
Dimensions	4.5" W x 2.75" H x 1.75" D

Compatibility

All XT Series and XR Series Panels

Keypads

7063 and 7073 Thinline LCD Keypads
7063A and 7073A Aqualite LCD Keypads
7163 and 7173 Thinline LCD Keypads
7800 Graphic Touchscreen Keypads

Proximity Devices

Proximity Readers
PP-6005B ProxPoint® Plus Proximity Reader
MP-5365 MiniProx™ Proximity Reader
PR-5455 ProxPro® II Proximity Reader
MX-5375 MaxiProx® Proximity Reader
TL-5395 ThinLine II® Proximity Reader
CSR-35P Conekt Bluetooth Reader

Proximity Credentials
1306P DMP Prox Patch™
1306PW HID Prox Patch™
1326 HID ProxCard II® Card
1346 HID ProxKey III® Access Device
1351 HID ProxPass®
1386 HID ISOProx II® Card
CSR-35P Conekt Bluetooth Reader

Listings and Approvals

California State Fire Marshal (CSFM)
FCC Part 15
Underwriters Laboratories (UL) Listed
Underwriters Laboratories Canada (ULC) Listed

For additional information,
go to DMP.com/Compliance.