



734 Series Wiegand Interface Modules



- ▶ The 734 Series adds access control capabilities to DMP XT and XR Series panels
- ▶ 734 connects using four-wire keypad or AX bus
- ▶ 734N connects using an IP network
- ▶ 734N-WIFI connects using a Wi-Fi network
- ▶ 734N-POE connects using a single network cable that's attached to a Power over Ethernet switch
- ▶ Fast door access via 10/100 network, Wi-Fi or data bus
- ▶ Connect proximity readers directly

FEATURES

- ▶ Connect door lock, power, and reader technology to the 734 Series to add access control to the DMP XT and XR Series panels
- ▶ XR150 supports eight doors and XR550 supports 32 doors, expandable to 96
- ▶ Custom cards allow for 1-255 bits, max 40 bits for card number
- ▶ Works with proximity and smartcard/high security
- ▶ Built-in 10 Amp Form C (SPDT) door release relay
- ▶ Programmable door entry strike time allows for 1-250 seconds, 0 strike time for toggle action
- ▶ Provides two auxiliary relay outputs for door prop applications
- ▶ Keypad programmable zone bypass, card reader, and relay action operations
- ▶ Armed status output for armed display at entry door
- ▶ Built-in optional piezo alert sounder
- ▶ Connect motion detectors, mechanical switches, or other devices to the 734 Series device for a Request-to-Exit (REX) feature
- ▶ Remote sounder output for local annunciation
- ▶ Provide codeless entry plus system arming and disarming using DMP access cards or credentials; or customizable for other credentials

MODULE DESCRIPTION

The 734 Series 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 external Wiegand format proximity smartcard/high security readers. Includes model 333 suppressor for eliminating transient spikes due to relay switching. Each module provides four programmable protection zones for a variety of burglary and access control applications.

PROGRAMMING OPTIONS

With the 734 Series you have flexibility to: Set door release activation time for REX, 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, offline operation mode, and more.

EASY ENTRY™ FEATURE

When an access card or prox key is presented to a reader, the reader transmits the data to the 734 module.

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

XR PANEL FUNCTIONALITY

Add a 734 Series device to provide fully featured access control integrated into the intrusion detection system. DMP 734 Series devices grant access into an area based on schedule, authority, profile, and other programmable controls designed to allow you to tailor the system to meet the requirements of nearly any application.

XT PANEL FUNCTIONALITY

Add a 734 module to the keypad bus of an XT Series panel to provide basic access control by allowing authorized users to open a door anytime their cards are presented to the reader.

DOOR CONTACT ZONE 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 250 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.

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.

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. At end of strike time, REX action is inhibited for three seconds to prevent piggy-back access.

CREDENTIAL READER FLEXIBILITY

The 734 Series supports virtually any 26-40 bit Wiegand output credential reader; from simple 125 kHz prox readers, to 13.56 MHz smartcards and biometric scanners, to new Bluetooth virtual credentials. Configure the 734 Series Wiegand input devices to meet the demanding requirements of today's access control market.

EXPORT CONTROL

The 734N, 734N-WIFI, and 734N-POE use AES encryption, and any export beyond the United States must be in accordance with Export Administration Regulations.

MODEL 730 3-PORT SWITCH

The model 730 3-Port switch module enables the 734N to communicate over an isolated network LAN. When using an XR550N/XR550E, access control messages are sent only to the LAN, and do not communicate to the monitoring center.

DMP ACCESS SUPPORTS POE

The 734N-POE module allows powering a device from a Power over Ethernet (POE) switch. It also can support powering a reader and electronic strike with 750 mA of auxiliary power.

SPECIFICATIONS

Primary Power	8.5 VDC to 28.5 VDC
Current Draw	
Standby	346mA (Includes 200mA for proximity reader)
Alarm	348mA (Includes 200mA for proximity reader)
Form C Relay	35mA at 12/24 VDC
Zones	5 VDC, 2mA max
Dimensions	5" W x 3" H x 1.3125" D

Proximity Credentials

1306	Prox Patch
1326	Proxcard II Card
1346	ProxKey III Access Device
1351	ProxPass
1386	IsoProx II Card
PSC-1	Standard Light Proximity Card, 10 Pack
PSC-1	Standard Light Proximity Card, 100 Pack
PSC-3	Proximity Key Ring Tag, 100 Pack
PSK-3	Proximity Key Ring Tag, 10 Pack
PSM-2P ISO	Imageable Proximity Card, 10 Pack
DEZ	MIFARE® DESFire® EV1 Smartcard

External Proximity Readers

PP-6005B	ProxPoint® Plus Proximity Reader
MP-5365	MiniProx™ Proximity Reader
PR-5455	ProxPro® II Proximity Reader
MX-5375	MaxiProx® Proximity Reader
P-300-H-A	Cascade Prox Reader
P-500-H-A	Alps Prox Reader
P-620-H-A	Denali Prox Reader & Keypad
P-640-H-A	Patagonia Prox Reader & Keypad
DELTA3	Contactless Smartcard Reader
DELTA5	Contactless Smartcard Reader
DELTA6.4	Contactless Smartcard Reader & Keypad

ORDERING INFORMATION

730	3-Port Switch
734	Wiegand Interface Module
734N	Network Wiegand Interface Module
734N-WIFI	WiFi Wiegand Interface Module
734N-POE	Network Wiegand Interface Module

COMPATIBILITY

XT and XR Series Panels

For approval information, please visit DMP.com/Compliance.

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2500 N. Partnership Blvd, Springfield, MO 65803
Designed, Engineered & Manufactured in
Springfield, MO using U.S. & global components