Access Control Modules

- Connect door lock, power and reader technology 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 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
- Supports up to eight different card formats
- Provides four programmable zone inputs
- 1134 offers wireless access control to speed installation and save on wire costs
- 734, 734N and 734N-POE supports OSDP readers
- The 734N uses network cabling to provide access control for fast and flexible installations
- The 734B BIN code support for bank ATM vestibules and lobbies

Now with OSDP and Wiegand Support

- 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 for XR Series
- 734N-POE connects using a single network cable that’s attached to a Power over Ethernet switch for XR Series
- 1134 connects wirelessly using DMP 900 MHz Two-Way Wireless
- 734B adds BIN code support to limit access to customers with valid bank cards for XR Series
- Fast door access via 10/100 network, 900 MHz or data bus
- Directly connect proximity readers and smartcard

FEATURES
MODULE DESCRIPTION
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
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 and define custom Wiegand bits. You can also set site code position and user code position as well as offline operation mode and select from Wiegand or OSDP readers and more.

EASY ENTRY™ FEATURE
When an access card or prox key is presented to a reader, the reader transmits the data to the 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 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.

OSDP OR WIEGAND OUTPUT
The 734 Series supports virtually any 26-40 bit Wiegand output credential reader as well as OSDP readers. This includes 125 kHz prox, 13.56 MHz smartcards, biometric scanners and Bluetooth mobile credential readers. This allows you to meet the demanding requirements of today’s access control market.

EXPORT CONTROL
The 734N 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 730 3-Port Network Switch 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.

734 ACCESS CONTROL MODULE
The 734 module allows you to connect proximity readers to the panel to provide codeless entry, arming and disarming using access control readers. The 734 can communicate to the panel via the keypad bus or AX Bus.

In addition, the 734 also includes:
- Four programmable zones
- 10-amp Form C (SPDT) door strike relay
- Built-in piezo
- Remote annunciation output
- Three indicator LEDs
- Support for Wiegand readers
- Support for OSDP readers
- Up to 96 per XR550 panel

734N NETWORK ACCESS CONTROL MODULE
The 734N module takes advantage of customers’ pre-wired network cabling to speed installation or easily install in outlying areas that network is already located. It provides codeless entry plus system arming and disarming using DMP access cards or credentials; or customizable for other credentials.

It also provides programmable door entry strike time allows for 1-250 seconds, two auxiliary relay outputs, 12/24 VDC Power and built-in 10 Amp Form C (SPDT) door release relay.

In addition to the standard 734 module features, the 734N also provides:
- Network cable connection
- Two auxiliary relay outputs
- Separate power input

734N-POE NETWORK ACCESS CONTROL MODULE
The 734N-POE provides the standard features of the 734N while supporting the use of Power over Ethernet. With POE, there’s no need for a separate power supply for the strike relay as it is provided by the network. It can also support powering a reader and electronic strike with 750 mA of auxiliary power.

1134 WIRELESS ACCESS CONTROL MODULE
This module allows you to use the powerful built-in access control capability of DMP panels with DMP’s 900 MHz Two-Way™ Wireless. DMP panels provide access control, arming and disarming using proximity, magnetic stripe, biometric or other Wiegand-output authentication devices. The 1134 connects and operates wirelessly with DMP panels. A keypad may be plugged directly into the 1134 for local programming.

Building on the 734 module features, the 1134 also provides:
- Power 1134 from local lock power
- Up to seven each 1134s per panel

734B BIN-CODE ACCESS CONTROL MODULE
Taking advantage of the 734 programming and operation, the 734B access control module also allows you to take advantage of BIN code support to suit a bank’s access control needs. The 734B complements the rest of DMP’s access control modules by using the powerful built-in access control capability of the XR Series panels. Just like every other 734 module, it provides easy installation and programming while still using the four onboard zones, LED control and remote annunciator terminals.
**SPECIFICATIONS**

### 734

- **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 × 2.75” H × 1.75” D

### 734N

- **Primary Power**: 8.5 VDC to 28.5 VDC
- **Current Draw**
  - Standby: 346 mA at 12 VDC (Includes 200 mA for proximity reader)
  - Alarm: 348 mA at 12 VDC (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 × 2.75” H × 1.75” D

### 734B

- **Primary Power**: 8.5 VDC to 28.5 VDC
- **Current Draw**
  - Standby: 220 mA (Includes 200 mA for proximity reader)
  - Alarm: 250 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 × 2.75” H × 1.75” D

### 734N-POE

- **Primary Power**: 8.5 VDC to 28.5 VDC
- **Current Draw**
  - Standby: 346 mA at 12 VDC (Includes 200 mA for proximity reader)
  - Alarm: 348 mA at 12 VDC (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 × 2.75” H × 1.75” D

### Compatibility

#### Proximity Credentials
- Prox Patch<sup>™</sup>
- Proxcard<sup>®</sup> II Card
- ProxKey<sup>®</sup> III Access Device
- ProxPass<sup>®</sup>
- IsoProx<sup>®</sup> II Card
- MIFARE<sup>®</sup> DESFire<sup>®</sup> EV2 Key Fob
- Conekt Mobile Access Credential
- Standard Light Proximity Card
- Proximity Key Ring Tag
- Imageable Proximity Card
- MIFARE<sup>®</sup> DESFire<sup>®</sup> EV2 Smartcard

#### External Proximity Readers
- ProxPoint<sup>®</sup> Plus Proximity Reader
- MiniProx<sup>™</sup> Proximity Reader
- ProxPro<sup>®</sup> II Proximity Reader
- MaxiProx<sup>®</sup> Proximity Reader
- Cascade Prox Reader
- Alps Prox Reader
- Denali Prox Reader & Keypad
- Patagonia Prox Reader & Keypad
- Conekt Bluetooth & Smartcard Reader
- Mullion Smartcard Reader
- Single Gang Smartcard Reader
- Single Gang w/ Pin Pad Smartcard Reader

#### Ordering Info
- XT and XR Series Panel

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