XR150 Panel

FEATURES

- Onboard 10/100 network communication
- Plug-in CDMA, HSPA+, and LTE cellular communicators allow for Virtual Keypad™ app and central station connection
- Flash updateable: No more firmware chips to replace
- Adaptive Technology™ — Cost-effective supervised cellular backup
- Up to 100 DMP 1100 Series Wireless or wired LX-Bus
- Up to 99 schedules for areas, doors, outputs, holidays, Z-Wave® Favorites, and profiles
- Select Area, All/Perimeter, or Home/Sleep/Away operation
- Eight individual reporting areas with common areas
- Up to eight supervised door access-points and/or keypads
- 32-character names available for user, zone, area, profiles, and group names
- Up to four profiles per user
- Fully supervised 10/100 network and CDMA, HSPA+, and LTE cellular communication
- Communications diagnostics check network and cellular communication status from the keypad
- Eight communication paths between the panel and central station
- Flexible system arming features with Instant Arming option
- Lockdown operation from keypad or app
- Up to 130 two-wire smoke detector or fire-initiating zones
- 10,000 user codes with 99 profiles
- Mobile platform support via Virtual Keypad app
- 12,000 event buffer
- Built-in phone line monitor
- Multi-lingual menus available by user
- 1.5 Amps 12 VDC smoke and auxiliary output with OVC protection
- EASYconnect™ connection for the Virtual Keypad app when used with a network connection
- Guest House operation allows up to two separate protected systems
FLEXIBLE COMMUNICATION
The XR150 has transitioned from dialer-focused communications to a true network, cellular, and Wi-Fi communications approach by providing stronger, multi-layered panel communications that ensure a constant link between the panel and central station.

The unique DMP Serial 3 format supports 32-character user, zone, and area names to decrease the central station response time and limit dependence on automation literal tables for message interpretation. Contact ID dialer format is also supported.

NETWORK OR CELLULAR COMMUNICATION
Built-in 10/100 auto-sensing Ethernet connection enhances both standard and encrypted line security options. Both UDP and TCP are supported. The network option can be used as the primary or backup path to the digital dialer or cellular option.

The 263 Series Cellular Communicators can be used as the primary path, providing installation flexibility where no landlines are available. They can be used as a stand-alone communicator without the need for a backup. When used as the backup path, the 263 Series provides the security of a communication link that continues to function, even when landlines are cut or compromised. This interface works over a variety of carriers in the USA and Canada.

ADAPTIVE TECHNOLOGY™
If a current primary communication path becomes unavailable, Adaptive Technology directs the panel to make a seamless transition from one communication path to another, ensuring that no check-in or supervision messages are missed. This allows a system to be fully supervised when the primary communication path is unavailable, while minimizing expensive cell traffic when all paths are good.

The panel is constantly checking the failed path to enable the panel to revert back to the primary path when communication is restored.

EASYconnect TECHNOLOGY
EASYconnect™ enables the control panel to establish an outbound connection to SecureCom Wireless™ over the network. This allows for an effortless installation of network panels, without any customer router programming, providing extremely quick app connection times.

EIGHT COMMUNICATIONS PATHS
Create, configure, and manage up to eight communication paths between the panel and central station. Each path has its own panel communication programming parameters and can be identified as either primary or backup. This enables installers to configure a reliable communication link, offering greater confidence that the panel will always be connected to the central station.

ACCESS CONTROL BURGLARY INTEGRATION
The XR150 is an integrated burglary, fire, and access control system that can be configured for users to gain access and disarm the area with a single card read.

AREAS
Program up to eight areas with a variety of options, including independent arming. Each area has a unique name and may have its own account number.

Common areas automatically arm when the last independent area is armed and disarm when the first independent area is disarmed. This is ideal for lobbies or areas where users need common access to specific areas only.

COMMUNICATION FUNCTION DIAGNOSTICS
The enhanced diagnostic menu enables technicians to check network and cellular communication status, and cell signal strength from the keypad.

WIRELESS ONE-BUTTON KEYFOB WITH PROX
The 1145-1-BP is a wearable and portable panic button fob, programmable to function in multiple locations with alerts for lost fobs, late to test, and lower battery power.

MOBILE PLATFORMS
DMP mobile platforms provide you with the tools you need to build strong connections with your customers. The Virtual Keypad™ app puts a keypad on the user’s Apple iPhone®, iPad®, or Android™ compatible devices.

FALSE ALARM FEATURES
Providing a way to reduce false alarms, both Cancel/Verify™ and the False Alarm Question prompt users to validate whether an alarm has occurred after entering their code. In a Home/Sleep/Away or All/Perimeter system, the user can either press Cancel/Verify or Yes/No to confirm alarm status and send it to the central station.

DMP WIRELESS
DMP 1100 Series wireless communication employs 900 MHz frequency-hopping spread-spectrum to ensure clear and accurate signal transmissions without interference in practically any environment. Receivers are alerted of transmitters that go missing with two-way communication. Each wireless transmitter communicates with the receiver using supervision messages.

LOCKDOWN
For emergency situations, a Lockdown command can be issued from the keypad menu or via remote command to lock all doors designated as public.

TEMPORARY CODES
Temporary codes are user codes that can be entered with a finite date and specific time to expire.

ZONE EXPANSION
The XR150 provides up to 142 zones, programmable for burglary, fire, and access applications.

▸ 10 Onboard Zones
▸ Eight Keypads = 32 Zones
▸ One Built-In LX Bus (100 zones)
MULTIPLE CHIME TONES
In Zone Information, you can assign one of three distinct tones to a Night or Exit zone to know easily and quickly by different tones where and when a zone is opened. This feature has true security applications both residually and commercially.

SIMPLE ZONE EXPANSION WITH THE 1154/1158 WIRELESS INPUT MODULES
When a DMP panel is installed in the same location as a non-DMP panel, the 1154 can easily and quickly convert up to four existing hardwired zones from the old panel into wireless zones, and the 1158 can convert up to eight. Existing wiring does not have to be re-run, and existing contacts can be reused with the new system.

ONE-MAN WALK TEST
A special code is also available for installers to test the system. The One-Man Walk Test allows a single technician to check the panel response to burglary, fire, panic, and supervisory zones.

OUTPUTS
The XR150 provides up to 106 outputs that can be activated by zone or system events, by schedule, through the User Menu, or when a card is presented. Output Groups allow multiple outputs to activate with a single event and/or can be assigned to a particular user profile.

FLEXIBILITY IN SCHEDULES
Enhanced scheduling for areas, doors, outputs, and holiday schedules offer flexibility for your customers. Ninety nine programmable schedules are available and can be assigned to an area, door, or output. The same schedule may be assigned to more than one area, door, or output, making them reusable. A List key facilitates browsing through the list of stored names on the keypad.

• Up to eight schedules per profile
• Up to eight schedules per door
• Up to eight schedules per area
• Up to eight schedules per output
• Up to 40 holiday dates

MULTI-LINGUAL DISPLAY OPTION
XR150 Series systems may be programmed to display the User Menu and Status Display text in multiple languages.

REAL-TIME STATUS ENHANCES THIRD-PARTY INTEGRATION
Alarm systems are increasingly being integrated with environmental control and home automation systems. With real-time status information from zones, doors, and other outputs, XR150 Series panels are readily integrated with these third-party control and automation systems. See dmp.com/Integration_Partners.

KEYPAD SHORTCUT KEYS
Time-saving shortcut keys provide easy one-button access to system control for frequently used functions like system arming. The shortcut keys enable users to arm, monitor zones, test, or reset the system and perform a variety of other functions faster and easier. Shortcut keys include: All, Reset, Home, Chime, Perim, and Sleep.

Z-WAVE® SUPPORT
Add up to 140 Z-Wave devices with the 738Z module for mobile control of lights, locks, and thermostats. Up to 20 favorites allow users to program multiple devices to respond to a single command or panel event like arming and disarming. Z-Wave devices can be controlled with the 7800 Touchscreen Keypad, MyAccess and Virtual Keypad.

EIGHT INDEPENDENT ACCESS CONTROL DOORS
Any access control reader with a Wiegand output can be connected to the XR150 Series panel. Attached card reader controls up to eight different doors. The XR150 system can restrict access by schedule, arming level, or other criteria. The specific reason for access denial can be displayed on the keypad, stored in events, sent to the central station, and DMP Advanced Reporting. Anti-passback feature is also available.

THINLINE™ KEYPADS
The stylish and sleek 7000 Series Thinline™ LCD Keypads provide three two-button panic keys, AC power and armed LEDs, 32-character display, backlit logo and keyboard plus an internal sounder. The 7063 keypad also includes a built-in proximity reader for codeless arming and disarming.

VALUABLE VISUAL ALARM INDICATOR
In a normal state, both the keypad and logo backlighting remain blue on Aqualite keypads or green on Thinline keypads. However, during an alarm state, the keypad and logo turn red. The change in color allows individuals on-site to instantly recognize an alarm condition.

7800/9800 SERIES GRAPHIC TOUCHSCREEN KEYPAD
Provides touchscreen control for all keypad functions. It has a slim profile in stylish gloss black or white finish with a 5-inch, full-color display.

COMMERCIAL FIRE
The DMP XR150 is also approved for commercial fire applications. Integrate intrusion, access, and fire into a single application or use the XR150FC as a stand-alone commercial fire alarm control panel. See LT-1317 for more information.

ZONE AUDIT DAYS
This is a valuable auditing tool to determine whether a zone or device has not been tripped within a certain number of days. Whether the system is armed or disarmed, up to 365 days can elapse without the zone being tripped. Each time the zone is tripped, the counter restarts. After the countdown expires, a fault message is sent, and the timer begins the countdown again as per the programmed days.

USER INACTIVITY
The User Inactivity audit provides notification of user codes or credentials not used over a programmable period of time; for example, employees or service providers who haven’t used their PIN code or access credentials during a defined period of time. This notification promotes the purging of user and access rights as a result of employee termination or service provider changes. This option is found in System Options Programming.
### Compatibility Reference Sheet

#### System Specifications

**Primary Power (included):**
16.5 VAC 50 VA transformer

**Secondary Power:**
- 12 VDC Battery
- Models: 365, 366, 368 or 369

**Output Rating:**
- Bell: 1.5 Amps at 12 VDC
- Smoke and Auxiliary: 1.5 Amps at 12 VDC

**Current Draw:**
180mA

**Enclosures:**
- Material: Cold-rolled steel
- Model 350 (Gray or Red): 12.5” W × 5.0” H × 3.5” D
- Model 350A (Gray): 12.5” W × 5.0” H × 3.5” D
- Model 350X (Gray): 14.5” W × 6.6” H × 3.5” D

**Listings and approvals**
- New York FDNY
- FCC Part 68
- FCC Part 15
- Underwriters Laboratories (UL) Listed
  - UL Bank, Safe, and Vault
  - UL Commercial Fire
  - UL Standard Line Security
  - UL Encrypted Line Security
- NIST Validated Certificate #2350 and #2595
- Underwriters Laboratories Canada (ULC) Listed
- California State Fire Marshal (CSFM)

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

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### Keypads
- 630F: LCD Remote Fire Command
- 7000: Series Thinline Keypads
- 7000A: Series Aquaclass Keypads
- 7800: Graphic Touchscreen Keypads
- 9060: Wireless Keypad
- 9063: Wireless Keypad w/ Prox Reader
- 9800: Wireless Touchscreen Keypads

### Expansion Modules
- 708: Bus Extender
- 710: Bus Splitter/Repeater
- 711: Single Zone Expansion
- 712-8: 8-zone Expansion
- 714-16: 16-zone Class B Expansion
- 714-8: 8-zone Class B Expansion
- 714: 4-zone Class B Expansion
- 715: 4-zone 2-wire Smoke Expansion
- 715-8: 8-zone 2-wire Expansion
- 715-16: 16-zone 2-wire Smoke Expansion
- 716: Output Expansion, 4 Form C relays, 4 open collector outputs
- 736P: Graphic Annunciator: 20 open collector outputs
- 738A: Ademco Interface Module
- 738I: ITI Interface Module

### Intrusion Devices
- Virtually any other standard intrusion detectors

### Power Supplies
- 505-12/LX: 5 Amps @ 12 VDC
- 505-12L: 5 Amps @ 12 VDC
- 505-12A: 5 Amps @ 12 VDC

### Smoke/Heat Detectors
- 2W-BLX: Conventional Smoke
- 2WT-BLX: Conventional Smoke/Heat

### Intrusion Devices
- Virtually any other standard intrusion detectors

### Access Control
- 734: Wiegard Interface Module
- 734N: Network Wiegard Interface Module
- 734N-WiFi: Wi-Fi Wiegard Interface Module
- OP-08CB: REX Motion Detector
- PE-2: Request-to-Exit Button

### Central Station Receivers
- SCS-3R: Single Line DMP Serial
- SCS-105: Single Line DMP Serial

### DMP Wireless
- Receiver
- High Power Receiver
- Repeater
- Universal Transmitter, Internal and External Contacts
- Universal Transmitter, External Contact
- Universal Transmitter, Internal and External Contact
- Micro Window Transmitter
- Four Zone-Explorer
- Wireless Temperature Sensor and Flood Detector
- LED Annunciator
- Remote Indicator Light
- Door Sounder
- Pet Immune PIR Motion Detector

### Accessories
- 270: Network Transient Suppressor
- 277: Commercial Fire Buzzer Module
- 300: Four-wire Harness
- 301: Silence/Reset Push-Button
- 305: Plug-in Output Relay
- 306: Tamper Harness
- 307-S: Screw-On Tamper Switch
- 3012: Clip-On Tamper Switch
- 335: Intrusion Siren
- 370: Lightning Suppressor
- 374: Surge Voltage Suppressor
- 431: Power Distribution Module
- 435: Output Harness
- 738I: Wiegand Interface Module
- 738A: Wiegand Interface Module
- 734: Wiegand Interface Module
- 734N-WIFI: Wi-Fi Wiegand Interface Module
- OP-08CB: REX Motion Detector
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