XR150 Control Panel

- Onboard 10/100 network communication

- Plug-in HSPA+ and LTE cellular communicators allow for Virtual Keypad™ app and monitoring center 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

FEATURES

- 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, seven of which can be wireless

- 32-character names available for user, zone, area, profiles and group names

- Up to four profiles per user

- Fully supervised 10/100 network HSPA+ and LTE cellular communication

- Communications diagnostics check network and cellular communication status from the keypad

- Eight communication paths between the panel and monitoring center

- 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 amp 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 monitoring center.

The unique DMP Serial 3 format supports 32-character user, zone and area names to decrease the 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 monitoring center. 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.

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 1144-1P is a wearable and portable panic button fob, programmable to function in multiple locations with alerts for lost fobs, late to test and low 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 monitoring center.

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.

WIRELESS ENCRYPTION

DMP's 1100 Series E models are for customers who want to add the hardest layer of security. In addition to 900 MHz frequency-hopping spread-spectrum supervised communication, these models also offer full support for industry-standard 128-bit AES encryption over the air. For added security, DMP 1100 Series encrypted devices also allow you to enter your own passphrase for unique key generation, providing full encryption end to end.

The encryption models are offered separately from existing 1100 Series devices. For the highest level of encryption, it is recommended that all devices on the system be E models, although each of the products are fully backward compatible with systems that do not support encryption, so they can be added to existing systems or operate as a stand-alone system.

1100 SERIES ENCRYPTED

- 1100XE Wireless Receiver
- 1100XHE Wireless High Power Receiver
- 1100RE Wireless Repeater
- 1101E Universal Transmitter
- 1103E Commercial Universal Transmitter
- 1106E Universal Transmitter
- 1135E Wireless Siren
- 1142E Wireless Two-Button Hold Up Transmitter
- 1144E Wireless Key Fobs

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 residentially 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.

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.

MULTIPLE LAUNGUAGE DISPLAY OPTION

XR150 Series systems may be programmed to display the User Menu and Status Display text in multiple languages.

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 8 schedules per profile
- ‣ Up to 8 schedules per door
- ‣ Up to 8 schedules per area
- ‣ Up to 8 schedules per output
- ‣ Up to 40 holiday dates

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 738Zplus 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 7800/9800 Series Graphic Touchscreen Keypad and Virtual Keypad.

CUSTOM ACTIONS

In addition to controlling lights, locks and thermostats, users can also take advantage of several customizable actions that can be programmed into the panel. Users can select a combined sequence of actions, all based on specific Favorites, lights and locks to activate or deactivate Z-Wave devices, Favorites or outputs during specific times and days or specific zone trips.

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 and 7073 keypads also include a built-in proximity reader for codeless arming and disarming.

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.
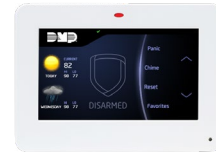
The XR150 system can restrict access by schedule, arming level or other criteria. The specific reason for access denial can be displayed on the keypad, stored in events, sent to the monitoring center and DMP Advanced Reporting. Anti-passback feature is also available.

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.

7463 NETWORK THINLINE KEYPAD

When you're installing an XR Series alarm panel in a building that's already wired for IP network, DMP's new 7463 Network Keypad gives you the advantage of saving time by plugging into the existing network. Power the keypad from the included 12 VDC plugin transformer. Also included is a backup battery for four hours of standby power. Network keypads require XR Series Version 201.

COMPATIBILITY REFERENCE SHEET

Keypads

630F	LCD Remote Fire Command
7000	Series Thinline Keypads
7000A	Series Aqualite Keypads
7160	Thinline Series Keypad
7173	LCD Keypad
7463	Network Thinline Keypad
7800	Graphic Touchscreen Keypads
9060	Wireless Keypad
9063	Wireless Keypad w/ Prox Reader
9862	Wireless Touchscreen Keypads

Expansion Modules

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

Cellular Communicators

263LTE-V/381-2	LTE Communicator, Verizon
263LTE-A/381-2	LTE Communicator, AT&T

Auxiliary Modules

860	Relay Output Module
865	Style W/X Notification Circuit Module
866	Style W Notification Circuit Module
867	LX-Bus Notification Circuit Module
869	Style D Initiating Circuit Module
893A	Dual Phone Line Module

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

352M	Access Control Enclosure
352PM	Access Control Enclosure
734	Access Control Module
734N	Network Access Control Module
734N-POE	Network Access Control Module
1134	Wireless Access Control Module
OP-08CB	REX Motion Detector

Proximity Readers and Credentials
DMP ProxPatch

Monitoring Center Receivers

SCS-1R	Security Control Receiver
SCS-105	Single-Line DMP Serial 3 Receiver compatible with receivers that accept Standard CID, DD or DMP Serial 3 messaging
SCS-VR	(Virtual Receiver) Software-only solution that runs on a server for network IP and cellular communications

DMP Wireless

1100X	Receiver
1100XH	High Power Receiver
1100R	Repeater
1101	Universal Transmitter, Internal and External Contacts
1102	Universal Transmitter, External Contact
1103	Universal Transmitter, External Contact
1106	Universal Transmitter, Internal and External Contact
1107	Micro Window Transmitter
1108	Wireless Doorbell Module
1114	Four-Zone Expander
1115	Wireless Temperature Sensor and Flood Detector
1116	Relay Output
1117	LED Annunciator
1118	Remote Indicator Light
1119	Door Sounder
1122	Wireless PIR
1126R	360 Ceiling Mount PIR
1127C	Wall Mount Curtain PIR
1127W	Wall Mount Wide Angle PIR
1128	Glassbreak Detector
1131	Recessed Contact
1135	Siren, 100 dB
1136	Wireless Remote Chime
1137	LED Emergency Light
1139	Bill Trap
1141	Wall Button
1142	Two-Button Hold-up Transmitter
1142BC	Two-Button Belt Clip Hold-up Transmitter

1144-4	Four-Button Key Fob
1144-2	Two-Button Key Fob
1144-1	One-Button Key Fob
1144-2P	Two-Button Key Fob with Prox Patch
1144-1P	One-Button Key Fob with Prox Patch
1144-D	Dual-Button Key Fob
1148	Personal Pendant
1154	Wireless Four-Zone Input Module
1158	Wireless Eight-Zone Input Module
1164	Smoke Detector with Synchronized Sounder
1164NS-W	Wireless Smoke Detector with No Sounder
1166	Wireless Smoke Detector Ring
1168	Wireless Smoke/CO/Low Temp Detector
1183-135F	Heat Detector (Fixed)
1183-135R	Heat Detector (Rate of Rise)
1184	Carbon Monoxide Detector

Encrypted Wireless Models

1100XE	Wireless Receiver
1100XHE	Wireless High Power Receiver
1100RE	Wireless Repeater
1101E	Universal Transmitter
1103E	Commercial Universal Transmitter
1106E	Universal Transmitter
1135E	Wireless Siren
1142E	Wireless Two-Button Hold Up Transmitter
1144E	Wireless Key Fobs

Accessories

270	Network Transient Suppressor
277	Commercial Fire Buzzer Module
300	Four-wire Harness
303	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	Output Harness
738Z+	Z-Wave Interface Module
861	Power Distribution Module

Dealer Management

Dealer Admin™
Remote Link™ Programming Software

End User Management

Virtual Keypad™
VirtualKeypad.com™
System Link™ End-User Management Software
Entré™ Access Control Software

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:
174 mA

Enclosures:

Material	Cold-rolled steel
Model 350 (Gray or Red)	17.5" W × 13.5" H × 3.5" D
Model 350A (Gray)	17.5" W × 13.5" H × 3.75" D
Model 352X (Gray)	14.5" W × 32" H × 4" D
Model 352P (Gray)	14.5" W × 32" H × 4" D
Model 341 (Gray)	12.75" W × 6.55" H × 3.15" D

Certifications

California State Fire Marshal (CSFM)
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

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