XR150 Control Panel

FEATURES

- Onboard 10/100 network communication
- Plug-in 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 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 burglarly, 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 1145-1P 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.

128-BIT 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 new 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 new 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
- 1100E Wireless Receiver
- 1100DE Wireless Receiver
- 1100HE Wireless High Power Receiver
- 1100DE 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 Fob

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.

**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

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

**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 7382plus 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; 9862 Series Touchscreen Keypad, MyAccess and Virtual Keypad.

**8700/9800 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 Audits**
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.
**COMPATIBILITY REFERENCE SHEET**

**Keypads**
- 630F: LED Remote Fire Command
- 7000: Series Thinline Keypads
- 7000A: Series Aqualline Keypads
- 7800: Graphic Touchscreen Keypads
- 9060: Wired Keypad
- 9065: Wired Keypad w/ Prox Reader
- 9062: Wireless Touchscreen Keypads

**Expansion Modules**
- 708: Bus Extender
- 710: Bus Splitter/Repeater
- 711: Single Zone Expansion
- 712-8: 8-zone Expansion
- 713-4: Class B Expansion
- 713-8: 8-zone Class B Expansion
- 714-8: 8-zone Expansion
- 715: 16-zone 2-wire 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
- 738A: Ademco Interface Module
- 738I: ITI Interface Module
- 738T: Wireless Translator

**Cellular Communicators**
- 263LTE-A: HSPA+ Cellular Communicator
- 263HCAN: HSPA+ Cellular Communicator
- 738T: Wireless Translator

**Central Station Receivers**
- SCS-IR: Security Control Receiver
- SCS-105: Single-Line DMP Serial

**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, Internal and External Contact
- 1106: Universal Transmitter, Internal and External Contact
- 1107: Four-Zone Expander
- 1115: Wireless Temperature Sensor and Flood Detector

**Encrypted Wireless Models**
- 1100XE: Wireless Receiver
- 1100DE: Wireless Receiver
- 1100XE: Wireless High Power Receiver
- 1100DE: Wireless High Power Receiver
- 1100E: Wireless Repeater
- 1101E: Universal Transmitter
- 1103E: Commercial Universal Transmitter
- 1105E: Universal Transmitter
- 1107: Wireless Siren
- 1142E: Wireless Two Button Hold Up Transmitter
- 1144E: Wireless Key Fob

**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 Tapper Switch
- 312: Clip-On Tapper Switch
- 320: Surge Voltage Suppressor
- 35: Intrusion Siren
- 370: Lightning Suppressor

**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:**
- 180 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 × 34" 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.

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