XR550 Control Panel

FEATURES

- Select Area, All/Perimeter or Home/Sleep/Away operation
- 32-individual reporting areas with common areas
- Up to 96 supervised door access points and/or keypads
- Up to 16 supervised keypads, 7 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 network, cellular and Wi-Fi 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 mobile app
- 1.5 Amp 12 VDC smoke and auxiliary output with OVC protection
- EASYconnect™ connection for Virtual Keypad™ when used with a network connection

XR550 Bank Features
- UL Bank, Safe and Vault
- Card Plus Pin
- User inactivity audit
- Dual Authority
- Panic Button Test
- Early Morning Ambush

XR550E Encryption Features
- 128- or 256-bit AES encryption
- NIST Certified
- Meets ICPG 705
- IPV6 Support
FLEXIBLE COMMUNICATION
The XR550 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 monitoring center 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 communicators provide 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.

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 Zone Activity Hours 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.

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 to the monitoring center.

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

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.

ACCESS CONTROL BURGLARY INTEGRATION
The XR550 is an integrated burglary, fire and access control system that can be configured for users to gain access and disarm the area using a single card read.

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 ONE-BUTTON KEYFOB WITH PROX
The 1144-P is a portable panic button fob, programmable to function in multiple locations with alerts for lost fobs, late to test and low battery power.

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.

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.
AREAS
Program up to 32 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; likewise, they disarm when the first independent area is disarmed. This is ideal for lobbies or areas where users need common access to specific areas only.

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

ZONE EXPANSION
The XR550 provides up to 574 zones, programmable for burglary, fire and access applications.
- 10 Onboard Zones
- 16 Keypads = 64 Zones
- Five Built-in LX Bus (100 zones per LX)

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 XR550 provides up to 506 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 8 schedules per profile
- Up to 16 schedules per door
- Up to 8 schedules per area
- Up to 8 schedules per output
- Up to 40 holiday dates

ENCRYPTION
The XR550 provides encrypted data transmission to the monitoring center and is ideal for secure environments where encrypted data is required. Using 128- or 256-bit AES (Advanced Encryption Standard) ensures secure data transmission by using a unique alphanumeric passphrase.

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, XR550 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 included are: 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 events 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.

96 ACCESS CONTROL DOORS
Any access control reader with a Wiegand output can be connected to the XR550 Series panel.

The XR550 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.

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, backlight 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 XR550 is also approved for commercial fire applications. Integrate intrusion, access and fire into a single application or use the XR550FC as a stand-alone commercial fire alarm control panel. See LT-1317 for more information.

INTRUSION PANELS

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COMPATIBILITY REFERENCE SHEET

### Keypads
- 630F LCD Remote Fire Command
- 7000 Series Thinline Keypads
- 7000A Series Aquatite Keypads
- 7800 Graphic Touchscreen Keypads
- 9010A Wireless Keypad
- 9015A 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 4-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
- 720 Graphic Annunciator; 20 open Collector Outputs
- 725P Adder Interface Module
- 725I I/O Interface Module
- 725IXL Universal Translator Receiver

### Cellular Communicators
- 263HCAN HSPA+ Cellular Communicator
- 263LTE-V LTE Communicator for Verizon
- 263LTE-A LTE Communicator for AT&T

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

### Power Supplies
- 505-12/LX 5 Amps at 12 VDC
- 505-12 5 Amps at 12 VDC
- 505-12A 5 Amps at 12 VDC
- 505-12/LX 5 Amps at 12 VDC

### Smoke/Heat Detectors
- 505-12A 5 Amps at 12 VDC
- 505-12 5 Amps at 12 VDC

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

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**Access Control**
- 734 Access Control Module
- 734N Network Access Control Module
- 734N-POE Network Access Control Module
- 1134 Wireless Access Control Module
- 735 OP-08CB REX Motion Detector
- 735P Proximity Readers and Credentials
- 735F DMP ProxPatch

**Monitoring Center Receivers**
- SCS-1R Security Control Receiver
- SCS-105 Single-Line DMP Serial

**DMP Wireless**
- 1100X Receiver
- 1100XH High-Power Receiver
- 1101 Repeater
- 1101R 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 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
- 1125 Ceiling Mount PIR
- 1125C Wall Mount PIR
- 1127 Wall Mount Angle PIR
- 1127C Glassbreak Detector
- 1131 Recessed Contact
- 1134 Wireless Wegand Interface Module
- 1135 Siren, 100 dB
- 1136 Wireless Remote Chime
- 1137 LED Emergency Light
- 1139 Bill Trap
- 1141 Wall Button
- 1142 Two-Button Hold-up Transmitter
- 1142B Two-Button Belt Clip
- 1144-1 Wireless One Button Key Fob
- 1144-2 Wireless Two Button Key Fob
- 1144-4 Four-Button Key Fob
- 1144-2P Two-Button Key Fob
- 1144-1P One-Button Key Fob
- 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 Ring
- 1168 Wireless Smoke/CO/Low Temp Detector
- 1183-135F Wireless Smoke Detector with Synchronized Sounder
- 1183-135R Wireless Smoke Detector
- 1184 Carbon Monoxide Detector

**Accessories**
- 270 Network Transient Suppressor
- 277 Trouble Annunciator
- 300 Four-wire Harness
- 303 Silence/Reset Push-Button
- 305 Plug-in Output Relay
- 306 Tamper Harness
- 307-5 Screw-on Tamper Switch
- 307 Clip-on Tamper Switch
- 335 Intrusion Siren
- 370 Lighting Suppressor
- 374 Surge Voltage Suppressor
- 431 Output Harness
- 738Z Z-Wave Interface Module
- 861 Power Distribution Module
- 900-9800-4 Four-wire Replacement Harness

**Dealer Management**
- Dealer Admin** Remote Link™ Programming Software

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

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### System Specifications
**Primary Power (Included):**
- 16.5 VAC 50 VA transformer

**Secondary Power:**
- 12 VDC Battery

**Models:**
- 364, 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):**
- 12.5” W × 13.5” H × 3.5” D

**Model 350A (Gray):**
- 12.5” W × 13.5” H × 3.5” D

**Model 352X (Gray):**
- 14.5” W × 32” H × 34” D

**Model 341 (Gray):**
- 12.5” W × 6.55” H × 3.15” D

**Certifications**
- 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

**California State Fire Marshal (CSFM):**
- Model 352X (Gray): 17.5” W × 13.5” H × 3.5” D

**Underwriters Laboratories Canada (ULC) Listed**
- Model 352X (Gray): 17.5” W × 32” H × 34” D

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

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LIMITED WARRANTY: DMP warrants that the products manufactured by DMP and described herein shall be free from defects of manufacture, labeling, and packaging for a period of three (3) years from the invoice date to the original Buyer, provided that representative samples of the defective products are returned to DMP for inspection...To read the full DMP Limited Warranty, go to DMP.com/Warranty or check the DMP Price List or Catalog.