

XR550 International Panel



Benefits

- Select Area, All/Perimeter, or Home/Sleep/Away operation
- Cellular communicators can be used as primary or sole-path for Virtual Keypad™ app and monitoring center connection
- Flash updatable — remotely over cell or network
- Adaptive Technology™ — cost-effective supervised cellular backup
- Fully supervised network and cellular communication
- Flexible system arming features with Instant Arming option
- French, Spanish, Greek, Dutch and English menus available

Features

- 32 individual reporting areas with common areas
- Up to 96 supervised door access points
- Up to 16 keypads
- 32 character names available for user, zone, area, profiles, and group names
- Up to four profiles per user
- Lockdown operation from keypad or mobile app
- Communications diagnostics check network and cellular communication status from the keypad
- Eight communication paths between the panel and monitoring center
- 10,000 user codes with 99 profiles and temporary codes
- 506 outputs
- 12,000 event buffer
- Built-in phone line monitor
- 1.5 Amps 12 VDC auxiliary output with OVC protection
- EASYconnect™ connection for Virtual Keypad™ when used with a network connection
- Onboard dialer
- Onboard 10/100 network communication
- Up to 500 zones that can be used for 1100 Series wireless or wired LX-Bus™ devices
- Up to 99 schedules for areas, doors, outputs, Z-Wave® favorites, and profiles

XR550 Bank Features

- UL Bank, Safe and Vault
- Card plus pin
- User Inactivity Audit
- Two Man Rule
- Panic Button Test
- Early Morning Ambush

COMMUNICATION

FLEXIBLE COMMUNICATION

The XR550 uses network and cellular communications to provide 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 263LTE-INT Cellular Communicator can be used as the primary path, providing installation flexibility where no landlines are available. It can be used as a stand-alone communicator without the need for a backup. When used as the backup path, the 263LTE-INT communicator provides the security of a communication link that continues to function, even when landlines are cut or compromised.

ADAPTIVE TECHNOLOGY™

If the 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 COMMUNICATION 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 technicians to configure a reliable communication link, offering greater confidence that the panel will always be connected to the monitoring center.

INSTALLATION & PROGRAMMING

COMMUNICATION FUNCTION DIAGNOSTICS

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

ACCESS CONTROL BURGLARY INTEGRATION

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

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.

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 Ports (100 zones per LX)

ONE-PERSON WALK TEST

A special code is also available for technicians to test the system. The One-Person 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 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

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. This programming option requires a user to exit an area they have previously accessed. If they fail to exit through the proper card reader location, they are not granted access on their next attempt.

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END USER BENEFITS

MULTI-LINGUAL DISPLAY OPTION

XR550 Series systems may be programmed to display the User Menu and Status Display text in a language assigned to the user. Multiple languages are available to choose from when programming.

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.

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 to the monitoring center.

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.

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.

VALUABLE VISUAL ALARM INDICATOR

In a normal state, both the keypad and logo backlighting remain 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.

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 is a valuable security feature in both residential and commercial applications.

PRODUCTS

WIRELESS ONE BUTTON KEYFOB WITH PROX

The 1144 Series are portable panic button fobs, programmable to function in multiple locations, with alerts for lost fobs, late to test, and lower battery power.

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 7073INT keypad also includes a built-in proximity reader for codeless arming and disarming.

7800 INTERNATIONAL 5-INCH TOUCHSCREEN KEYPADS

The 7800 Series Keypads provide touchscreen control for all keypad functions. The 7800 Series Keypads have a slim profile in stylish gloss black or white finish with a 12.7-cm, full-color display.



9800INT WIRELESS 5-INCH TOUCHSCREEN KEYPADS

Like the 7800 Series Keypads, the 9800 Series Keypads have two finish options with a 12.7-cm display and provide touchscreen control for all keypad functions.

The 9800INT Series Wireless Keypads are fully functioning, supervised keypads that provide installation flexibility. The keypads also include a built-in proximity reader for codeless arming and disarming.

DMP WIRELESS

DMP 1100 Series wireless communication employs 868 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.

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 Touchscreen Keypad or Virtual Keypad.

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COMPATIBILITY REFERENCE SHEET

KEYPADS*

7000INT	Series Thinline Keypads
7800INT	Graphic Touchscreen Keypads
9800INT	Wireless Graphic Touchscreen Keypads

EXPANSION MODULES*

708INT	Bus Extender Module
710INT	Bus Splitter/Repeater
712-8INT	8-zone Expansion
714-8INT	8-zone Class B Expansion
714-16INT	16-zone Class B Expansion
716INT	Output Expansion, 4 Form C relays, 4 open collector outputs
716T-INT	Plug-in Screw Terminal
738Z+INT	Z-Wave Interface Module

CELLULAR COMMUNICATORS*

263LTE-INT-A	Cellular Communicator
381-12	3.6576 m Coax Cable Extension
381-25	7.62 m SMA Cable Extension
383	External Antenna
388-1	3dB Fiberglass Antenna
388-2	2dB Attack Enclosure Antenna
388-3	3dB MEG Antenna

AUXILIARY MODULES

860INT	Relay Output Module
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POWER SUPPLY*

503INT-G	3 Amps at 12 VDC
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INTRUSION DEVICES

DMP is compatible with most hardwired intrusion devices.

ACCESS CONTROL*

734INT	Wiegand Interface Module
OP-08CB	REX Motion Detector
PB-2	Request-to-Exit Button

RECEIVERS

SCS-VR	(Virtual Receiver) Software-only solution that runs on a server for network IP and cellular communications
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DMP WIRELESS*

1100X-WINT	Receiver
1100R-WINT	Repeater
1103-WINT	Universal Transmitter, Internal/External Contacts
1122INT	Wireless PIR
1128INT	Glassbreak Detector
1135-WINT	Siren, 100dB
1142BCINT	Two-Button Belt Clip Hold-up Transmitter
1142-BINT	Two-Button Hold-up Transmitter, Black
1142-WINT	Two-Button Hold-up Transmitter, White
1144-1INT	One-Button Key Fob
1144-2INT	Two-Button Key Fob
1144-4INT	Four-Button Key Fob

ACCESSORIES

270INT	Network Transient Suppressor
300	Four-wire Harness
305	Plug-in Output Relay
306	Tamper Harness
307	Clip-on Tamper Switch
307-S	Screw-on Tamper Switch
3012	Clip-On Tamper Switch
370	Lightning Suppressor
374	Surge Voltage Suppressor
431	Output Harness
399	Programming Harness
300-9800-4	Four-wire Replacement Harness

DEALER MANAGEMENT

- Dealer Admin™

END USER MANAGEMENT

- eu.VirtualKeypad.com
- Virtual Keypad



*RoHS Compliant

System Specifications

Primary Power:

16.5 VAC, 100 VA transformer (Model 324INT)

Secondary Power:

12 VDC Battery

Models: 364, 365, 366, 368 or 369

Output Rating:

Bell 1.5 Amps at 12 VDC

Auxiliary 1.5 Amps at 12 VDC

Current Draw:

180mA

Enclosures:

Material Cold-rolled steel

Model 350 (Gray or Red)

44.45 cm W × 34.29 cm H × 8.89 cm D

Model 350A (Gray)

44.45 cm W × 34.29 cm H × 9.525 cm D

Model 352X (Gray)

36.83 cm W × 81.28 cm H × 86.36 cm D

Model 341 (Gray)

32.385 cm W × 16.637 cm H × 8.001 cm D

Ordering Information

XR550DNL-GINT XR550 Panel in Enclosure

XR550DNPCB-INT XR550 PCB Board Only

International Certifications

Intertek (ETL) Listed

EN 50130-4:2011+A1:2014

EN 50130-5:2011

EN 50131-1:2006+A1:2009

EN 50131-3:2009

EN 50131-5-3:2005+A1:2008

EN 50131-6:2008

EN 50136-1:2012

EN 50136-2:2013

EN 61000-3-2:2006+A1+A2

EN 61000-3-3:2013

EN 61000-6-4:2007