



FDNY



UL Listed Digital Cellular Communication for Fire Alarm Control Panels

The 463G/463C, when installed with a DMP XR100/ XR100FC or XR500/XR500FC Panel, is UL approved as a primary (standalone) fire communicator with no backup, and is approved as a fire slave communicator, compatible with any FACP. The 463G/463C provides a dependable communications link between your alarm system panel and Central Station.

- Compared to a dialup communication link, cellular can save significantly in annual telecommunication costs
- UL Listed as the Primary Communicator and Fire Slave Input for the XR100/XR500 in Fire Applications under ANSI/UL 864 Commercial Fire (Meets NFPA 72)
- Works on digital cellular data networks over a variety of carriers
- XR100N/XR500N with the 463G/463C approved as primary communication by the New York Fire Department (FDNY)

DIGITAL CELLULAR FIRE COMMUNICATORS

FEATURES

- 463G/463C enhances system security that conforms with NFPA and UL requirements
- Direct reporting to the DMP Central Station receiver, with no relaying of alarm signals
- Fire Slave Input option of the XR100/XR500 with 463G/463C approved for any FACP
- Modular solution means easily updated for newer technologies
- Eight-path redundancy with multiple message delivery available
- DMP Adaptive Technology™ switches communication paths while maintaining supervision if the current path becomes unavailable
- 463G/463C uses power from panel with low current draw for long standby battery life
- Can be equipped with local or remote antenna, offering more flexibility when installing
- Ability to check signal strength indication at the keypad
- Messaging features transmit alarms/alerts to users via SMS text messages, and allow users to remotely control their panel via text commands

UL LISTED

Install the DMP 463G/463C Digital Cellular Communicator in an XR100/XR500 Series panel to create a UL listed, primary communication path for commercial fire installations. The Fire Slave Input option of the XR500 has also been approved under ANSI/UL 864 (NFPA 72 2007 & 2010), allowing it to be used as a Slave Communicator for any FACP.

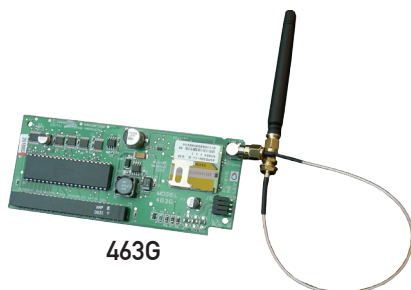
DIRECT REPORTING

The digital cellular communicators transmit IP data packets directly from the panel's processor over the wireless data network. All of the messages that are capable of being sent by the control panel are received directly by the DMP Central Station receiver. There are no intermediary servers or network operation centers, and no retransmission or reinterpretation of the information. Direct reporting means faster response, with no concerns about signals not being properly relayed or intermediate communication links failing.

ADD-ON TO XR100/XR500 PANEL

The 463G/463C works as an easy-to-install XR100/XR500 expansion card, with plug-and-play ease of installation. No extra programming is required. It provides full data delivery of DMP Zones, Areas, and Users, with all names and details included.

The remarkably compact 463G/463C won't take up a lot of space in your communications closet. The unit directly installs in the panel expansion card slot, which is mounted inside a sturdy UL-listed metal cabinet. Tamper protection is also available for added security.



FULLY SUPERVISED

You're kept fully informed of system status. The unit sends full reporting messages including Zones, Areas, and Users, with all names and details included. Full supervision ensures that the cellular communication path is intact and functional.

EIGHT-PATH REDUNDANCY

Feel more secure with up to eight paths of communication redundancy. Select from TCP, UDP, RS232, GPRS, CDMA, Single Line Dialer, Dual Line Dialer with multiple IP numbers, and multiple telephone numbers. You identify and configure your redundant communication links via Remote Link.

A DACT (digital alarm communicator transmitter) system may be configured as:

- Path 1 Type DD Primary and Path 2 Type DD Backup
- Path 1 Type DD Primary and Path 2 Type CELL Backup
- Path 1 Type DD Primary and Path 2 Type NET Backup

A NET or CELL system may be configured as:

- Path 1 Type NET Primary with no Backup
- Path 1 Type CELL Primary with no Backup
- Path 1 Type NET Primary and Path 2 Type DD Backup
- Path 1 Type NET Primary and Path 2 Type CELL Backup
- Path 1 Type CELL Primary and Path 2 Type NET Backup

ADAPTIVE TECHNOLOGY™

If the primary communication path is compromised or becomes unavailable, Adaptive Technology almost instantly switches to a designated backup path. Where multiple backups are available, communications can be programmed to switch to another path as necessary.

The checkin frequency and programming for a backup path adapt to the checkin programming of the primary path. When the primary path becomes available, normal communications are restored. Adaptive Technology provides additional confidence in the integrity of your system, while protecting you from unexpected cellular service charges.

REDUCED EQUIPMENT NEEDS

With other cellular backup equipment, you need to purchase additional enclosures, power supplies, batteries, cabling, and conduit connections. The 463G/463C reduces the number of pieces of equipment you have to purchase. It comes ready to mount, reducing your initial costs and simplifying both installation and ongoing operation.

REDUCED COMMUNICATION COSTS

Adding the cellular communicator to the DMP XR100/XR500 fire alarm control panel can lower costs significantly compared to dial-up connections. Fire systems typically require two dial-up lines that can be eliminated and replaced with a single cellular connection.

ANTENNA PLACEMENT

The unit includes both local and remote SMA (S-band multiple access) antenna connections, giving you added freedom and flexibility during installation.

LOW CURRENT DRAIN

With its extremely low current drain and long standby battery life, the 463G/463C will continue to provide a communications link for an extended period of time, even during a power failure. It draws half the current of other comparable units.

SIMPLE TO INSTALL AND PROGRAM

Connect the 463G or 463C to your panel, attach the antenna and power, and installation is complete. Programming the 463G/463C is fast and simple, accomplished within the panel itself.

After programming the 463G/463C cellular communications path via Remote Link, you will be presented with the Activate SIM/MEID window to activate your cellular plan. Once activated, the wireless backup connection is immediately online protecting your communications link. No separate programming utility is required.

SECURECOM CELLULAR SERVICES

The 463G comes standard with a SIM (Subscriber Identity Module) card ready to use SecureCom Wireless Cellular Service from DMP. The 463C does not include a SIM Card and is activated with the MEID number. With the 463G/463C and SecureCom, you have a one-stop resource for both hardware and cellular service.

ENHANCED FIRE PROTECTION

Compared to dial-up connections, a digital cellular communication link provides greater reliability, protection from sabotage, and is less prone to being knocked out by weather. Unlike mobile cellular connections, the 463G/463C creates a fixed network connection that minimizes hand-offs and the chance for dropped connections. When trouble conditions occur, they can be more quickly diagnosed and often corrected remotely.

The NFPA 72 code requires a test of the entire communications path every five minutes. The DMP Model XR100/XR500 Command Processor Panel used with DMP 463G/463C Digital Cellular Communicator meets this requirement when check-in and fail time settings are programmed for five minutes. The net result is a higher level of system reliability in comparison with traditional systems that rely on redundant phone lines and the substantially less frequent 24-hour supervision reports associated with that approach.

UPDATEABLE

In addition to being able to change cellular carriers, you will also be ready to take advantage of technical improvements as they occur. The unit's modular architecture enables seamless upgrades as improved technology becomes available.

MOBILE PLATFORMS

DMP mobile platforms provide you with the tools

you need to build strong connections with your customers.

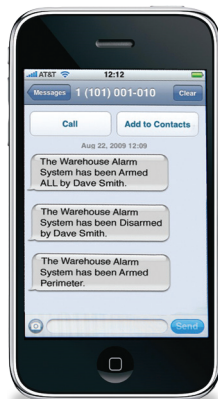
- MyAccess™ enables end users to monitor and manage their systems remotely from any mobile phone using simple SMS texting.
- The Virtual Keypad™ App puts a keypad on the user's Apple iPhone®, iPad™, or Android compatible devices.
- The ePad™ puts a Mobile Keypad on any browser or mobile device.

Dealers can offer these much-appreciated services to their customers and realize the benefits of additional recurring revenue.

MYACCESS

Your customers can send many of the most common system commands to their residential or commercial systems via text messages. They can also choose to have alerts sent to them each time there's an arm/disarm, an alarm, or other selected events.

Alerts can be transmitted by the panel as text messages to up to three phones. Users can also use MyAccess to interact with any Z-Wave devices programmed through their DMP panel, enabling them to control lights, thermostats, and more via text commands.



Use any model of cell phone for Messaging Features

THE VIRTUAL KEYPAD APP

Dealers can invite their customers to begin using their APP to give them control of their security system. The Virtual Keypad allows them to arm or disarm, and to check the status of their cellular connected DMP security system from anywhere they have cell service. They can also access any Z-Wave home control devices programmed through their DMP panel and DMP cameras.



EPAD

This technology delivers the full function and feel of a traditional LCD keypad connected to any DMP panel.



Digital Cellular Communicator

DMP WIRELESS DEVICES FOR ANSI/UL 864 COMMERCIAL FIRE

Complete your fire system with other DMP wireless devices that are ANSI/UL 864 Listed for Fire Protective Signaling Systems.

TWO-WAY COMMUNICATION

Superior to traditional wireless devices that just broadcast until the zone is restored, DMP 1100 Series require an acknowledgement from the 1100 Series Receiver, indicating successful communication. This smart technology ensures that each and every communication is received and efficiently processed at the panel. With the 900MHz frequency-hopping spread-spectrum technology, clear and accurate signal transmissions without interference in practically any environment is to be expected.

1100 SERIES RECEIVERS

The 1100 Series Receivers: 1100X and 1100XH allow you to add up to 500 transmitters and is required for wireless capability in both regular and harsh environments.



SPECIFICATIONS

Primary Power	12 VDC from panel
Current Draw (463G)	
Standby	22 mA
Alarm	45 mA
Current Draw (463C)	
Standby	22 mA
Alarm	22 mA

COMPATIBILITY

DMP XR100/XR500 Series using Software Version 202 or higher

ORDERING INFORMATION

- 463G 2G Digital Cellular Communicator (AT&T, T-Mobile, Rogers)
- 463C 3G CDMA Cellular Communicator (Verizon)

ACCESSORIES

380-400	Replacement Level 400 SIM Card
381-12	12' Coax Extension
381-25	25' Coax Extension
383	Rubber Duck Antenna
386	Wall Mount Antenna Bracket
387-1	3dB Fiberglass Antenna w/bracket
387-2	2dB Attack Enclosure Antenna

1103 UNIVERSAL TRANSMITTER

Model 1103 Universal Transmitter is typically used in commercial fire or burglary door/ window applications. It offers the same look and features as the 1101 transmitter, with the addition of a 470k end-of-line resistor and wall tamper switch.



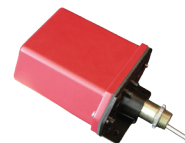
1165/1165H/1165HS COMMERCIAL SMOKE DETECTORS

The Model 1165 Smoke Detector, 1165H Smoke/Heat Detector, and 1165HS Smoke/Heat Detector with Sounder include a tamper switch that sends a trouble signal if the detector is removed from the mounting base.



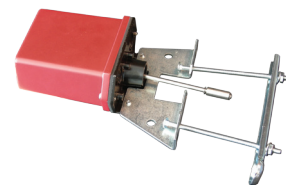
1181 POST INDICATOR VALVE

The model 1181 PIV is a weather proof and tamper resistant wireless switch for monitoring the open position of fire sprinkler control valves of the post indicator, butterfly and other types.



1182 OS&Y

The 1182 OS&Y Switch is used to monitor the open position of an OS&Y (Outside Screw and Yoke) type gate valve. The 1182 mounts conveniently to most OS&Y valves ranging in size from 1/2" to 12". The switch operates the external contacts of the wireless transmitter when the valve position is altered from an open state.



ACCESSORIES CONT.

387-3	3dB MEG Antenna
387-25	SMA TO N CABLE, 25FT, LMR195
387-50	SMA TO N CABLE, 50FT, LMR195

LISTINGS AND APPROVALS

463G

FCC ID: MIVGSM0308
 Industry Canada: 4160A-GSM0308
 Underwriters Laboratories Canada (ULC) Listed
 ULC Subject-C1023 Household Burglar
 ULC/ORD-C1076 Proprietary Burglar
 ULC S304 Central Station Burglar
 ULC S545 Household Fire

463C

FCC ID: MIVCNN0301
 Industry Canada: 4160A-CNN0301

463G/463C

California State Fire Marshal (CSFM)
 New York City (FDNY COA #6123)
 Underwriters Laboratories (UL) Listed
 ANSI/UL 365 Police Station Connect Burglar Alarm Systems
 ANSI/UL 985 Household Fire Warning System Units
 ANSI/UL 1023 Household Burglar Alarm System Units
 ANSI/UL 1076 Proprietary Burglar Alarm Units & Systems
 ANSI/UL 1610 Central Station Burglar Alarm Units
 ANSI/UL 864 Control Units for Fire-Protective Signaling Systems

