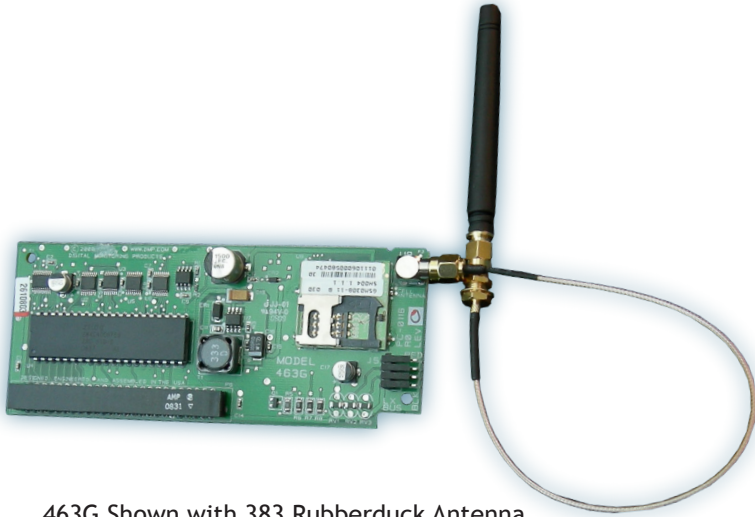## *Your Source for Cellular Solutions*

463G Shown with 383 Rubberduck Antenna

The switch is on to cellular for many reasons. In isolated locations, cellular may be the best primary communications path option. Where land lines could go down, cellular provides a reliable backup path. In critical installations where you need to eliminate the risk of cut phone or network lines, cellular is the solution. Whatever your need, DMP has the technology to create reliable panel-to-central station digital cellular communications.

- Available built-in to the panel, as a plug-in expansion card, or mounted remotely from the panel
- Direct cellular communication enables a direct path for alarm signals from the panel to the monitoring station
- Uses digital cellular GSM/GPRS data networks over a variety of US and Canadian carriers
- Transmits email and SMS status messages to multiple recipients

DIGITAL CELLULAR COMMUNICATORS

SYSTEM FEATURES

- Add-on communicator card available for XT30/XT50 Series™ panels
- Plug-in or external communication modules available for XR100/XR500 Series™ panels
- Power from panel or separate power supply, with low current draw for long standby battery life
- Can be used as a primary or backup communication path
- Fully supervised to ensure the health of your digital cellular communicator
- DMP Adaptive Technology™ switches communication paths while maintaining supervision if the current path becomes unavailable on the XR100/XR500 Series™ panels
- Plug-and-play installation and activation of add-on communication modules

- Cellular data throttling offers overage suppression
- Direct reporting to any DMP central station receiver with no relaying or intermediary retransmission of alarm signals
- No additional external support equipment required
- Can be equipped with local or remote antenna, with simple conduit knockout for in-panel installations
- Check signal strength indication at the keypad
- Enables In Touch™ features, including email/text message alerts from the panel, and the ability to send commands to the panel via text messages
- XR500E provides privacy for your data with DMP encryption technology

DMP
Digital Monitoring Products

PRIMARY OR BACKUP PATH

Configure your DMP digital cellular communicator as the primary path, providing installation flexibility and economical options of digital cellular communication. Cellular is the right choice for locations not easily reached by phone or land lines, or where there are concerns that physical communication links might be tampered with. Or, use your cellular communicator as a backup communication path, providing the security of a communication link that continues to function, even when land lines are cut or compromised. The battery backup provides continued communications even when power is lost.

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.

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.

DIRECT DATA TRANSMISSION

The digital cellular communicators transmit IP data packets directly from the panel's processor over the GSM/GPRS 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.

CELLULAR DATA THROTTLING

DMP panels protect you from unexpectedly high cell phone charges for usage over the plan limits with overage suppression. When cell data traffic exceeds 3K/hour, you will receive an hourly alert advising you of the high traffic. When traffic exceeds 6K/hour, the panel will begin to automatically suppress non-alarm messages, including check-ins. When cell traffic drops back below the 3K/hour limit, full communications are automatically restored.

DMP IN TOUCH™ FEATURES

An added benefit of cellular communications is that it makes it possible for users to remotely interact with their panel. The panel can be programmed to transmit email/SMS messages to as many as three addresses, including cell phones or email addresses. End users can receive email or text messages each time there's a system event such as arming and disarming, zone bypass, or any alarms. This feature is also available with the network option.

Users also have the ability to send commands via text messages to the panel. This feature enables residential and smaller commercial users to remotely control their systems. Users can arm or disarm their system, control outputs, retrieve system status, and perform other functions. Each command received by the panel is acknowledged back to the user via return SMS Message. Dealers have the opportunity to generate additional recurring revenue by offering these features to customers.

CELLULAR SERVICE FLEXIBILITY

With SecureCom Cellular Service from DMP, you have a one-stop resource for both hardware and cellular service. DMP digital cellular communicators, whether selected as original equipment in a new panel or added to an existing panel via an expansion card, are available with a SIM (Subscriber Identity Module) card ready to use the SecureCom service.

After installing the panel or card, activate the SIM card via Remote Link™. After programming the panel, Remote Link recommends the optimum data plan based on the level of security, desired communication path configuration, and specific programming for the account.

If it becomes necessary to switch cellular providers, whether it's to take advantage of better rates/plans or to improve service, you can do so quickly and easily by changing the SIM card. That's flexibility that's only available from DMP.

XT SERIES™

The XT Series panel has the technology and features typically only found on a larger, more expensive panel. Choose built-in cellular communications during original installation in an all-in-one, all-on-board panel. This powerful burglary, residential fire, and door access panel provides a complete set of communications options including network, cellular, and dial-up with built-in two-way wireless.

The XT Series panel can be customized to include any or all communication options. Since they are all on-board, there are no additional enclosures, cabling or connections. The on-board network or cellular communication option allows for email/SMS messages regarding system events to PCs or cell phones.

263G GSM/GPRS DIGITAL CELLULAR COMMUNICATOR

For existing XT Series panels not originally configured with cellular communications, the 263G expansion card lets you add cellular capabilities. The 263G contains an on-board GSM/GPRS communications module that allows alarm messages to be communicated to an SCS-1R Receiver over the digital GSM/GPRS network. It provides a fully supervised alarm communication path over the GPRS network.

The 263G is installed in the panel enclosure and powered by the panel so no additional enclosure, power supply or battery back-up is needed. Plug-and-play installation makes upgrading your panel quick and easy, and provides all the features and benefits of an XT Series panel originally configured with cellular functionality.

The card is available as the 263G including a SIM card ready for activation with SecureCom Wireless, and the 263G NOSIM, ready for you to insert another provider's SIM card.

463G GSM/GPRS DIGITAL CELLULAR COMMUNICATOR

XR500 Series Command Processor™ panel users can plug in the 463G expansion card to quickly and easily incorporate cellular communications. Installed internal to the panel, it requires no additional enclosures, power supplies, batteries, cabling or conduit connections ... simplicity available only from DMP. It can be equipped with local antenna that attaches to the panel, or where necessary for improved signal strength a remote SMA antenna can be used, offering more installation flexibility.

The 463G draws half the current of other comparable units. With the long standby battery life of the system batteries, the 463G can continue to provide a communications link for up to 80 hours during a power failure with appropriate standby batteries.

This digital cellular communicator is available as the 463G including a SIM card ready for activation with SecureCom Wireless, and the 463G NOSIM, ready for you to insert another provider's SIM card.
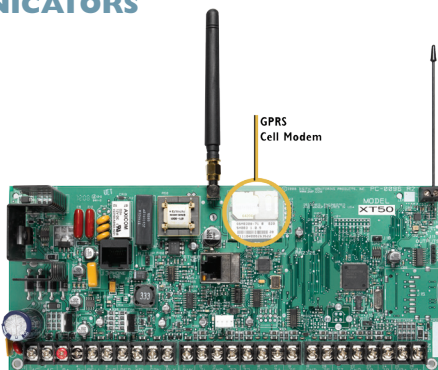
CELLCOMRT DIGITAL CELLULAR COMMUNICATOR

For XR100/XR500 Series Command Processor™ panels, select the CellComRT Digital Cellular Communicator; which provides a fully supervised alarm communication path over the GSM/GPRS network.

The CellComRT Remote Communicator allows remote mounting of the cellular unit in the provided plastic housing, up to 250 feet from the panel.

The CellComRT can be powered directly from the panel using the provided 4-wire harness or from an optional 12V DC wall transformer. The CellComRT supports all of the standard cellular diagnostics provided by the XR100/XR500.

COMMUNICATORS

XT Series Built-in Cellular

CellComRT Cellular Alarm
For use with XR100/XR500 Series™
(Remote Installations Only)

263G Digital Cellular
For use with XT Series™

463G Digital Cellular
For use with XR500 Series™

DMP
Digital Monitoring Products

TECHNOLOGY OPTIONS

Selecting the right Cellular Communicator

	Built-in	263G	463G	CellComRT
XT30C/XT50C	X			
XT30/XT50		X		
XR500 Series			X	X
XR100 Series				X

263G SPECIFICATIONS
Primary Power	12 VDC from panel
Current Draw	
Standby	18mA
Alarm	18mA

463G SPECIFICATIONS
Primary Power	12 VDC from panel
Current Draw	
Standby	21mA
Alarm	21mA

CELLCOM SPECIFICATIONS
Primary Power	12 VDC
Current Draw	
Standby	21mA
Peak Transmission	200mA

ORDERING INFORMATION
263G	Cellular Communicator
263G NOSIM	Cellular Communicator without SIM Card
463G	Cellular Communicator
463G NOSIM	Cellular Communicator without SIM Card
CellComRT	Remote Digital Cellular Communicator

263G COMPATIBILITY
XT Series™ Panels

463G COMPATIBILITY
DMP Command Processor panels XR500, XR500N, XR500E using Software Version 202 or higher

CELLCOM COMPATIBILITY
DMP Command Processor panels XR100, XR100N, XR500, XR500N, XR500E using Software Version 203 or higher

ACCESSORIES
376	DC Plug-in Power Supply (CellComRT)
380-200	Replacement Level 200 SIM Card (263G/263G NOSIM)
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
CELLCOMBAT	Replacement Rechargeable Battery assembly (CellComRT)

LISTINGS AND APPROVALS
California State Fire Marshal (CSFM)
  263G/263G NOSIM/463G/463G NOSIM/CellComRT
ETL:
  263G/263G NOSIM

ANSI/SIA CP-01-2000	False Alarm Reduction
ANSI/UL 1023	Household Burglar
ANSI/UL 985	Household Fire Warning
ANSI/UL 1635	Digital Burglar

FCC ID: MIVGSM0308
  All models
Industry Canada ID: 4160A-GSM0308
  All models
Underwriters Laboratories (UL) Listed
  463G/463G NOSIM/CellComRT

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

  463G/463G NOSIM

ANSI/UL 864	Control Units for Fire-Protective Signaling Systems

DMP Digital Monitoring Products

800-641-4282

www.dmp.com

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