

GSM Communicators (2G)



Honeywell is focused on providing the best alarm communication solutions for the security industry. Alternative communication methods are critical in the marketplace due to VoIP, migration from POTS and global growth of digital networks.

Honeywell's Digital Cellular Communicators deliver secure, reliable and complementary digital communications via the GSM (Global System for Mobile) network. Our use of Dual-Path GPRS service with SMS backup provides substantial benefits to protect your investment, helping to maintain and grow your recurring revenue.

This groundbreaking communications solution offers full data reporting and uploading/downloading with most Honeywell control

panels. In addition, with onboard zone inputs and optional dialer capture capability, we're compatible with other manufacturers' security panels as well. Honeywell communication products and control panels combine to make installations faster and easier.

All signals are delivered to Honeywell's AlarmNet® Network Control Center, which routes the information to the appropriate central station. The state-of-the-art AlarmNet Network Control Center is fully redundant and monitored 24/7. AlarmNet has the ability to route messages using AlarmNet-i and 800 PLUS services, providing true redundancy and multi-path message delivery.

FEATURES

- **Full Contact ID or ADEMCO High-Speed Reporting**

Contact ID reporting using ECP mode with compatible Honeywell control panels or combined with optional dialer capture for non-ECP capable control panels.

- **256-bit AES Encryption**

Advanced encryption standard used for secure communications.

- **Dual-Path Technology**

Uses GPRS (General Packet Radio Service) as primary digital cellular path and automatically switches to SMS (Short Message Service) if GPRS is unavailable.

- **Triple-Path Technology**

Provides three paths of communication using Internet, GPRS (General Packet Radio Service), and SMS (Short Message Service). Uses Internet as primary with dual GSM technology as back-up. GSM path utilizes GPRS and automatically switches to SMS if GPRS is unavailable (iGSMV only).

- **Upload/Download**

With select Honeywell control panels using GPRS. Requires Compass version 1.5.8.54a or higher.

- **Integration**

Quick and easy installation of GSM for VISTA® and LYNX controls.

- **Dynamic Signaling with Certain Honeywell Control Panels**

Provides management of control panel dialer and digital cellular communicator. Programmable priority and delays determine signal path.

- **Diagnostic LEDs**

Provide signal strength and status indications.

- **QOS**

Quality of Service diagnostics via AlarmNet supply vital information including when a message was received, battery voltage, input voltage, signal strength and message path.

- **Commercial Fire Communicator**

Code compliant fire communication approved to replace one or both phone lines (standalone) in commercial fire applications. See agency listings for details.

- **Web-Based Programming**

Allows complete interactive programming from AlarmNet Direct. [https://services. alarmnet.com /AlarmnetDirect](https://services.alarmnet.com/AlarmnetDirect)

- **Intelligent Supervision**

Any message generated serves as a supervision message per optional 24 hour or 30 day intervals. This feature effectively limits required messages to be sent.

- **Remote Services Capability***

Optional Honeywell Total Connect™ Remote Services value-added web-based or SMS system control as well as email notification of system events.

- **Two-Way Voice Transport**

GSM voice channel capable to allow two-way voice session in conjunction with an audio verification system. (GSMX/iGSMV/GSMV/iGSMHS).

- **Line Security**

Approved for line security applications with 200-second supervision intervals. (iGSMHS)

*Service subscription required.

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FEATURES

Features that apply to the iGSMV/GSMV and iGSMHS

- **Universal Control Panel Compatibility**
Flexible modes of operation allow ECP alarm reporting by Honeywell control panels, 4204 relay mode for Honeywell controls (that do not support ECP alarm reporting) and zone triggering for use with other control panels. (GSMV only)
- **Dialer Capture Ready**
Compatible with Dialer Capture Intelligence Device DCID (for LYNX) or DCID-EXT (other control panels). Captures Contact ID messages from the panel's phone line and sends them to the central station via the GSM radio (not agency approved). (GSMV only)
- **Six Input Zones**
Digital processing for improved detection and false alarm protection
- **Tamper Protected Enclosure**
Built-in tamper sends a report when a tamper condition is detected and a restore when cleared.
- **Built-in Power Supply**
Onboard charging circuit design accommodates back-up battery. Includes primary power and battery supervision.
- **Back-Up Battery**
6V 3.1Ah supplied to deliver up to 24 hours of standby operation.

SPECIFICATIONS

iGSMHS

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| <p>Description</p> <ul style="list-style-type: none"> • Encrypted line security communication <p>Physical</p> <ul style="list-style-type: none"> • Dimensions: 8.4" x 8.0" x 1.5" • Weight: 2.4 lbs. with battery <p>Electrical</p> <ul style="list-style-type: none"> • Input Power: 9VAC, 15VA transformer, Honeywell Model No. 1332 • Backup Battery: 6V, 3.1AH, Honeywell Part No. K14139, (included) • Expected Battery Life: 5 years approx. | <ul style="list-style-type: none"> • Current Drain: 35mA average standby, 500mA peak transmit • Fault Relay Output: Open collector, 12VDC, .25W max. • Input Trigger Levels: (V+) 6V – 13V; (V-) 0V – 1V <p>RF</p> <ul style="list-style-type: none"> • Transceiver Type: Tri-Band GSM/GPRS Class 10 • Modulation: GMSK • Antenna: Internal GSM quad-band 1.3dBi gain | <p>Environmental</p> <ul style="list-style-type: none"> • Operating temperature: -20° to 55° C • Storage temperature: -40° to 70° C • Humidity: 0 to 95% relative humidity, non-condensing • Altitude: to 10,000 ft. operating; to 40,000 ft. storage |
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GSMVLP (LYNX Plus only)/GSMVLP5 (LYNX Touch only)

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| <p>Description</p> <ul style="list-style-type: none"> • Voice capable, quad band digital cellular communicator for use with L3000/L5000 series controls • Uses an integrated quad band antenna that eliminates the coaxial cable connections for a high reliability RF interface <p>Physical</p> <ul style="list-style-type: none"> • Dimensions: 5.5" x 2.5" (GSMVLP) 4.75" x 2.5" (GSMVLP5) | <p>Electrical</p> <ul style="list-style-type: none"> • Powered and battery backed directly from L3000 Control • Input Voltage: 10.5VDC nominal (GSMVLP) 5VDC nominal (GSMVLP5) • Quiescent Current: 40mA (GSMVLP) 15mA (GSMVLP5) • Average Current During Transmit: 200mA (GSMVLP) 300mA (GSMVLP5) | <p>Antenna</p> <ul style="list-style-type: none"> • Quad Band: GSM 850, 900, 1800 & 1900 • VSWR: 3:1 • Peak Gain: 3 dBi • Impedance: 50 ohms • Polarization: linear |
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GSMX

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|--|---|---|
| <p>Description</p> <ul style="list-style-type: none"> • Quad band digital cellular communicator for use with ECP capable Honeywell control panels • Supports cabinet mount or may be remotely located <p>Physical</p> <ul style="list-style-type: none"> • Dimensions: 4" x 7" x 1.75" | <p>Electrical</p> <ul style="list-style-type: none"> • Input Voltage: 12VDC (powered via the ECP bus) • Standby Current: 30mA • Transmit Current: 200mA (Average) • Transceiver Type: GSM/GPRS with internal antenna | <ul style="list-style-type: none"> • Dialer Capture Ready: Compatible with Dialer Capture Intelligence Device DCID (for LYNX) or DCID-EXT (other control panels). Captures Contact ID messages from the panel's phone line and sends them to the central station via the GSM radio (not agency approved). |
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GSM Communicators

SPECIFICATIONS

VISTA-GSM

Physical

- **Dimensions:** 2.2" x 4.0"

Electrical

- **Input Voltage:** 4.1V
- **Peak Current During Transmit:** 1.6A
- **Quiescent Current:** 20mA

VISTA-GSM Antenna

- **Type:** Dual band, dipole
- **VSWR:** <2:1
- **Bands:** 824-896 MHz, 1850-1990 MHz
- **Impedance:** 50 ohms

- **Polarization:** Vertical
- **Dimensions:** 161mm x 26mm
- **Gain (Peak):** 0-4 dBi
- **Connector Type:** SMA male

Communications Device Agency Listings (U.S.)

*Standalone listing does not require a separate listed DACT.

**Primary/backup listing requires use of a listed DACT.








Communication Devices	Description	Testing Agency	Commercial Standards								Residential Standards	
			UL365 Police Connected Burglar Alarm Commercial Burglar	UL609 Local Burglar Alarm Systems	UL1610 Central Station Burglar Alarm Commercial Burglar	UL1635 Digital Alarm Communications Commercial Burglar	Encrypted Line Security (Grade AA) Commercial Burglar	UL864 Standalone*	UL864 Primary/Backup**	California State Fire Marshall (CSFM)	UL1023 Household Burglar Alarm	UL985 Household Fire
AlarmNet-G												
GSMCF	Commercial Fire Kit (GSMV included)	UL/ETL	✓	✓ (ETL Only)	✓	✓ (UL Only)			✓ (ETL Only)	✓	✓	✓
GSMV	GSM Cellular Communicator											
iGSMHS	Line Security Communicator	UL	✓		✓	✓	✓				✓	✓
GSMVLP	GSM Communication Module for LYNX Plus	ETL				✓					✓	✓
GSMVLP5	GSM Communication Module for LYNX Touch	ETL				✓					✓	✓
GSMX	GSM Cellular Communicator	ETL				✓					✓	✓
iGSMCF	Internet/GSM Cellular Communicator	ETL	✓	✓	✓			✓	✓	✓		
iGSMV												
VISTA-GSM	Snap-in GSM Communication Module for VISTA-21IP Control	ETL	✓	✓	✓	✓				✓	✓	✓

Communications Device Agency Listings (Canada)

Communication Devices	Description	Testing Agency	Canadian Standards				
			ULC-S303 Local Burglar Alarm	ULC-S304 Central and Monitoring Station Burglar Alarm	ULC-S545 Residential Fire Warning System	ULC/ORD-C1023 Household Burglar	ULC-S559
AlarmNet-G							
GSMCN	GSM Cellular Communicator	cUL/ULC	✓	✓	✓	✓	✓
GSMVCN		cETL					
GSMLCN	Snap-in GSM Communication Module for LYNX Control	ETL	✓	✓	✓	✓	
GSMVPCN	GSM Communicator Module for LYNX Plus	ETL			✓	✓	
GSMVLP5CN	GSM Communicator Module for LYNX Touch	ETL			✓	✓	
GSMXCN	GSM Cellular Communicator	ETL			✓	✓	
iGSMCN	Internet/GSM Cellular Communicator	cUL/ULC	✓	✓	✓	✓	✓
iGSMVCN							
VISTA-GSMCN	Snap-in GSM Communication Module for VISTA-21IP Control	ETL	✓	✓	✓	✓	

GSM Communicators

ACCESSORIES*

7720P Programmer	K14139 Battery	1361 Transformer	1361CN Transformer	Two-Way Voice Audio Cables	DCID Dialer Capture Intelligence Device (For Non-ECP LYNX controls)	DCID-EXT Dialer Capture Intelligence Device (For Non-ECP capable control panels)
						

*Consult the installation instructions for accessory use and compatibility.

ORDERING

U.S.

GSMCF	Commercial Fire Communication Kit includes: GSMV, Commercial Red Cabinet, 3dB Antenna Kit
GSM-EAA	External Antenna Adapter (GSMX and GSMVLP only)
iGSMHS	Line Security Communicator
GSMV	Digital Cellular Communicator with Two-Way Voice Transport Capability
GSMV-AUDIO	Two-Way Voice Audio Cable
GSMV-KT	GSMV with Audio Cable (GSMV-Audio) for Two-Way Voice Applications
GSMVLP	Internal GSM Module for LYNX Plus with Two-Way Voice Transport Capability
GSMVLP5	Internal GSM Module for LYNX Touch with Two-Way Voice Transport Capability
GSMVLP-AUDIO	Audio Cable Required for LYNX Plus/GSMVLP Two-Way Voice Applications
GSMVLP-KT	GSMVLP with Audio Cable (GSMVLP-AUDIO) for Two-Way Voice Applications
GSMX	Digital Cellular Communicator for VISTA® Control Panels
GSMX-AUDIO	Two-Way Voice Audio Cable
iGSMCF	Commercial Fire Communication Kit includes: GSMV, Commercial Red Cabinet, 3dB Antenna Kit
iGSMV-KT	iGSMV with Audio Cable (GSMV-Audio) for Two-Way Voice Applications
iGSMV	Internet and GSM Communicator with Two-Way Voice Transport Capability
VISTA-GSM	Plug-in GSM Module for VISTA-21iP

Canada

GSMVCN	Digital Cellular Communicator with Two-Way Voice Transport Capability
GSMVLPCN	Internal GSM Module for LYNX Plus with Two-Way Voice Transport Capability
GSMVLP5CN	Internal GSM Module for LYNX Touch with Two-Way Voice Transport Capability
GSMXCN	Digital Cellular Communicator for VISTA Control Panels
iGSMVCN	Internet and GSM Communicator with Two-Way Voice Transport Capability
VISTA-GSMCN	Plug-in GSM Module for VISTA-21iP

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Honeywell

L/2GCOMM/D
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