Honeywell

GSM Communicators (4G)

iGSMV4G/GSMV4G/iGSMHS4G   GSMX4G   GSMVLP4G   GSMVLP5-4G   VISTA®-GSM4G   **G** SERVICE

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.

Transmission Protocols

Honeywell's IntelliPath™ Series communicators provide seamless, reliable coverage by automatically choosing the best signal in the area (whether 2G, 3G or 4G) and self-adjusting as necessary.

The following wireless communication protocols are supported:
HSPA+   (4G)
HSPA (HSDPA & HSUPA) (3G)
EDGE   (2G)
GPRS   (2G)

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

- **Multi-GSM platform compability —2G, 3G and 4G**

- **Automatic selection of the best available GSM network**

- **4G capable using HSPA+ protocol**

- **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.

- **Upload/Download**
  Available with select Honeywell control panels. 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

- **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 e-mail 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 (GSMX4G/iGSMV4G/GSMV4G/ VISTA-GSM4G).

- **Line Security**
  Approved for line security applications with 200-second supervision intervals (iGSMHS4G).

  *Service subscription required.

GSM Communicators

FEATURES

iGSMV4G/GSMV4G and iGSMHS4G

- **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 (GSMV4G/iGSMV4G 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) (GSMV4G/iGSMV4G 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

iGSMHS4G

Description
- Encrypted line security communication

Physical
- **Dimensions:** 8.4" x 8.0" x 1.5"
- **Weight:** 2.4 lbs. with battery

Electrical
- **Input Power:** 16.5VAC, 40VA transformer, Honeywell Model No. 1361
- **Backup Battery:** 6V, 3.1AH, Honeywell Part No. K14139, (included)
- **Expected Battery Life:** 4 years approx.

- **Current Drain:** 65mA average standby, 380mA peak transmit
- **Fault Relay Output:** Open collector, 12VDC, 0.25W max.
- **Input Trigger Levels:** (V+) 6V – 13V; (V-) 4V – 0V

RF
- **Transceiver Type:** GSM/GPRS, UMTS/HSPA+
- **Antenna:** Internal GSM quad-band 1.3 dBi gain

Environmental
- **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

GSMVLP4G (L3000 only)

Description
- Voice capable, digital cellular communicator for use with L3000 series controls
- Uses an integrated quad band antenna that eliminates the coaxial cable connections for a high reliability RF interface

Physical
- **Dimensions:** 5.25" X 2.25"

Electrical
- Powered and battery backed directly from L3000 control
- **Input Voltage:** 10.5VDC nominal
- **Quiescent Current:** 40mA

- **Average Current During Transmit:** 200mA

Antenna
- **Quad Band:** GSM 850, 900, 1800 & 1900
- **VSWR:** 3:1
- **Peak Gain:** 3 dBi
- **Impedance:** 50 ohms
- **Polarization:** linear

GSMVLP5-4G (L5100 only)

Description
- Voice capable, digital cellular communicator for use with L5100 series controls
- Uses an integrated quad band antenna that eliminates the coaxial cable connections for a high reliability RF interface

Physical
- **Dimensions:** 4.75" x 2.5"

Electrical
- Powered and battery backed directly from L5100 control
- **Input Voltage:** 5VDC nominal
- **Quiescent Current:** 15mA
- **Average Current During Transmit:** 300mA

Antenna
- **Quad Band:** GSM 850, 900, 1800 & 1900
- **VSWR:** 3:1
- **Peak Gain:** 3 dBi
- **Impedance:** 50 ohms
- **Polarization:** linear

GSM Communicators

SPECIFICATIONS

GSMX4G

Description
- Quad band digital cellular communicator for use with ECP capable Honeywell control panels
- Supports cabinet mount or may be remotely located

Physical
- **Dimensions:** 4" x 7" x 1.75"

Electrical
- **Input Voltage:** 12VDC (powered via the ECP bus)
- **Standby Current:** 65mA
- **Transmit Current:** 380mA (Average)
- **Transceiver Type:** GSM/GPRS, EDGE, UMTS/HSPA+

- **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).

VISTA®-GSM4G

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
- **Quad Band:** 850, 900, 1800,1900MHz
- **Impedance:** 50 ohms

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

*Standalone listing does not require a separate listed DACT.
**Primary/backup listing requires use of a listed DACT.

GSM4G Radio Agency Listings

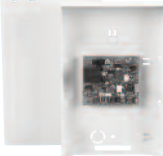| Product Name	Testing Agency	Commercial						Misc			Residential			Canada					Status
		- UL365	- UL1610	- UL1635	- Encrypt AA	- UL864(a)	- UL864(b)	- CSFM	- NYFD	- NIST	- UL985	- UL1023	- SIA CP-01	- ULCS303	- ULCS304	- ULCS304	- ULC/ORD-C1023	- ULCS559	
GSMV4G	ETL	X	X					X		X	X	X							Approved
GSMV4G	UL	X	X		X			X		X	X	X							Approved
GSMV4GCN	ULC															X		X	Approved
GSMX4G	ETL			X				X		X	X	X	X						Approved
GSMXCN4G	cETL															X	X		Approved
GSMVLP4G	ETL			X				X		X	X	X	X						Approved (L3000)
GSMVLPCN4G	cETL															X	X		Approved (L3000)
GSMVLP5-4G	ETL			X						X	X	X	X						Approved (L5100)
GSMVLP5CN4G	cETL															X	X		Approved (L5100)
VISTA-GSM4G	ETL	X	X					X		X	X	X							Approved
VISTAGSMCN4G	cETL													X	X	X	X		Approved
IGSMV4G	ETL																		Pending
IGSMV4G	UL	X	X		X			X		X	X	X							Pending
IGSMVCN4G	ULC															X		X	Pending
IGSMHS4G	UL	X	X		X					X									Pending
IGSMHSCN4G	ULC															X			Pending
IGSMCFP4G	UL				X	Xc	Xc	X	X	X									Pending
IGSMCFPCN4G	ULC																	X	Pending

Notes:
(a) Standalone
(b) Primary/Backup

Xc -iGSMV in a red cabinet
Zone Mode needs DACT
Other modes do not

GSM Communicators

ACCESSORIES*

7720P Programmer	K14139 Battery	1361 Transformer	GSMV-AUDIO GSMX-AUDIO 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.

GSM-EXT	External Antenna Cable (GSMV4G, GSMX4G, GSMVLP4G, GSMVLP5-4G)
iGSMHS4G	Line Security Communicator
GSMV4G	Digital Cellular Communicator with Two-way Voice Transport Capability
GSMV-AUDIO	Two-way Voice Audio Cable (GSMV4G, VISTA®-GSM4G)
GSMV-KT	GSMV4G with Audio Cable (GSMV-Audio) for Two-way Voice Applications
GSMVLP4G	Internal GSM Module for LYNX Plus with Two-way Voice Transport Capability
GSMVLP5-4G	Internal GSM Module for LYNX Touch with Two-way Voice Transport Capability
GSMX4G	Digital Cellular Communicator for VISTA Control Panels
GSMX-AUDIO	Two-way Voice Audio Cable (GSMX4G)
iGSMV-KT	iGSMV4G with Audio Cable (GSMV-Audio) for Two-way Voice Applications
iGSMV4G	Internet and GSM Communicator with Two-way Voice Transport Capability
VISTA-GSM4G	Plug-in GSM Module for VISTA-21iP

Canada

GSMVCN4G	Digital Cellular Communicator with Two-way Voice Transport Capability (Canada)
GSMVLPCN4G	Internal GSM Module for LYNX Plus with Two-way Voice Transport Capability (Canada)
GSMVLP5CN4G	Internal GSM Module for LYNX Touch with Two-way Voice Transport Capability (Canada)
GSMXCN4G	Digital Cellular Communicator for VISTA Control Panels (Canada)
iGSMVCN4G	Internet and GSM Communicator with Two-way Voice Transport Capability (Canada)
VISTAGSMCN4G	Plug-in GSM Module for VISTA-21iP (Canada)

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