Honeywe

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 06/19/17

Internet and Digital Cellular Communicators

With Remote Services Capability

G SERVICE

I SERVICE

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

Honeywell's Internet and GSM Communicators deliver secure, reliable and complementary Internet and digital communications via the GSM (Global System for Mobile) network. Our exclusive, Triple-Path Communications solution combines Internet service with GSM for added reliability and an extra level of security, offering substantial benefits to protect your investment by future-proofing your recurring revenue.

Our GSM radio technology is unique in that it uses GPRS service for data and alarm communications and automatically switches to SMS for alarms if GPRS is unavailable. Through the Internet or radio, the Internet and GSM Communicators offer full data reporting and uploading/downloading with most Honeywell control panels. Plus, with zone inputs and optional dialer capture capability we're compatible with other manufacturers' control panels as well.

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

- **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.
- **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.
- **Six Input Zones** – Each zone can be configured for +V, -V, or EOLR triggering. Each zone can be programmed for inverted operation, delayed reporting and restoral reporting. Zone 1 can distinguish between pulsed and steady inputs.
- **Full Contact ID or ADEMCO High-Speed Reporting** – ECP mode with compatible Honeywell control panels support full Contact ID reporting. All other modes use ADEMCO High-Speed reporting format.
- **Tamper Protected Enclosure** – Built-in tamper sends a report when a tamper condition is detected and a restore when cleared.
- **Built-In Power Supply** – On board 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.
- **256-bit AES Encryption** – Advanced Encryption Standard used for secure communications.
- **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.
- **Upload/Download** – With select Honeywell control panels using Internet and optionally GPRS. Requires Compass version 1.5.8.54a or higher.
- **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 message was received, battery voltage, input voltage, signal strength, and message path.
- **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 Total Connect 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 (iGSMV).
- **Line Security** – Approved for line security applications with 200-second supervision intervals (iGSMHS).

*Service subscription required.

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ACCESSORIES

7720P Programmer	K14139 Battery	1332 Transformer (1332CN for Canada)	DCID Dialer Capture Intelligence Device (For non-ECP LYNX controls)	DCID-EXT Dialer Capture Intelligence Device (For non-ECP capable control panels)

Communication Devices	Description	Testing Agency	Commercial Standards								Residential Standards	
			UL 365 Police Connected Burglar Alarm Commercial Burglar	UL 609 Local Burglar Alarm Systems	UL 1610 Central Station Burglar Alarm Commercial Burglar	UL 1635 Digital Alarm Communications Commercial Burglar	NIST National Institute of Standards and Technology	UL 864 Rev. 9 Standalone*	UL 864 Rev. 9 Primary/ Backup**	California State Fire Marshal (CSFM)	UL 1023 Household Burglar Alarm	UL 985 Household Fire
iGSMV iGSMCF	Internet/GSM Cellular Communication Module	ETL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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

Communication Devices	Description	Testing Agency	Canadian Standards				
			ULC-S303-M91 Local Burglar Alarm	ULC-S304-06 Central and Monitoring Station Burglar Alarm	ULC-S545-02 Residential Fire Warning System	ULC Subject C1023-74 Household Burglar	ULC-S559-04
iGSMVCN	Internet/GSM Cellular Communication Module	cUL/ULC	✓	✓	✓	✓	✓

Agency Listings

iGSMV-EX, iGSMHS and iGSMHSCN pending.

SPECIFICATIONS

Power

- **Input Operating Voltages:**
  10.5–14.3VDC or 9–16.5VAC, transformer included
- **Backup Battery:**
  6V 3.1A (24 hrs. standby)
- **Current Requirements:**
  – 60mA standby
  – 400mA during transmission
- **Transmission Power:**
  – 850 MHz – 1 Watt
  – 1900 MHz – 2 Watts

Mechanical

- **Dimensions:** 8" H x 7.5" W x 1.86" D
- **Operating Temperature:**
  -22° F to 140° F (-30° C to 60° C)
- **Humidity:**
  0% – 90% non-condensing

ORDERING

iGSMCF	Standalone Commercial Fire Communications Kit
iGSMHS	Internet and Digital Cellular High Security Communicator
iGSMHSCN	Internet and Digital Cellular High Security Communicator for Canada
iGSMVCN	Internet and Digital Cellular Communicator for Canada with Remote Services Capability
iGSMV	Internet and Digital Cellular Communicator

For more information:
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