IPGSM-COM

by Honeywell

Description

Gamewell-FCI is focused on providing the next generation of fire alarm communication solutions for the fire industry. The Gamewell-FCI, IPGSM-COM (Internet and Digital Cellular Communicator) offers an innovative fire alarm communication solution that delivers secure, reliable and complementary Internet and digital communications via the Global System for Mobile (GSM) network.

Due to the VoIP (Voice over IP) migration from the POTS (Plain Old Telephone Service) and the growth of the digital radio networks, the IPGSM-COM is an alternative communication method that offers the next generation reporting path that is critical in fire system markets. Gamewell-FCI's exclusive, Triple-Path Communications solution combines the Internet service with the GSM network for added reliability and provides an extra level of security that offers substantial benefits to protect your investment.

Gamewell-FCI's GSM radio technology uses the General Packet Radio Service (GPRS) for data and alarm communications. This unique feature automatically switches to Short Message Service (SMS) for alarms if the GPRS service is unavailable. Using the Internet or radio, the IPGSM-COM provides full data reporting and is Listed with the following Gamewell-FCI Systems:

- E3 Series® System
- 7100 Series System
- IF600 Series System
- Any DACT using Contact ID reporting

The IPGSM-COM Dialer Capture Commercial Fire Communicator is compatible with the AlarmNet receivers and central receiving software as well as other manufacturers' control panels. 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 is monitored 24/7. AlarmNet has the capability to route messages using AlarmNet-i and 800 PLUS services, providing true redundancy and multi-path message delivery.

E3 Series® is a registered trademark of Honeywell International Inc.

Internet and Digital Cellular Communicator



IPGSM-COM

Features

- **Full Contact ID or ADEMCO High-Speed Reporting**
  Support full Contact ID reporting. All other modes use ADEMCO High-Speed reporting format.
- **Triple-Path Technology**
  Provides three paths of communication using the Internet, the GPRS (General Packet Radio Service), and the SMS (Short Message Service). Uses the Internet as a primary with a dual GSM technology as back-up. The GSM path uses the GPRS and automatically switches to the SMS if the GPRS is unavailable.
- **256-bit AES Encryption**
  Advanced Encryption Standard used for secure pathways.
- **Compatible with Gamewell-FCI Panels and Contact ID Dialers**
  Listed to be used with the E3 Series®, 7100 Series and IF600 Series units with DACTs. Also Listed for any DACT using Contact ID (SIA DC-05)
- **Tamper Protected Enclosure**
  Built-in tamper sends a report when a tamper condition is detected and sends a restore when cleared.
- **Built-In Power Supply**
  On board charging circuit design accommodates the back-up battery. Includes primary power and battery supervision.

An ISO 9001-2000 Company

SIGNALING UL LISTED 864 (Control Units for Fire Protection Signaling Systems) 7300-1645:183

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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:	7.5" W x 8" H x 1.86" D (19 W x 20 H x 4.7 D cm)
Operating Temperature:	22° F to 140° F (-30° C to 60° C)
Humidity:	0% - 90% non-condensing

Ordering Information

Part Number	Description
IPGSM-COM	Internet and GSM Cellular Communicator Includes the following: • Red cabinet with key • Wall outlet box • Dialer Capture Module • GSM Communications Module • Antenna and mounting adapter • Power Boost Power Supply
7626-50HC	Antenna Cable IPGSM-COM 50 FT Coax
7626-25HC	Antenna Cable IPGSM-COM 25 FT Coax
7626-5	Antenna Cable IPGSM-COM 5 FT Coax
GSM-ANT3DB	3 dB External/Remote Weatherproof Antenna
7720P	Handheld Programmer, IPGSM-COM
HPTCOVER	Plug-in transformer box
BAT-1270	Battery 12 Volts, 7 A/H Sealed

Features (Continued)

- **Back-Up Battery**
  6V 3.1Ah supplied to deliver up to 24 hours of standby operation.
- **Dynamic Signaling with Control Panels**
  Provides management of control panel dialer and digital cellular communicator. Programmable priority and delays determine signal path.
- **Diagnostic LEDs**
  Includes signal strength and status indications.
- **QOS**
  Offers Quality of Service diagnostics via AlarmNet supply vital information including the following:
  - message path
  - battery voltage
  - input voltage
  - signal strength
  - when message was received
- **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.