IPGSM-DP

Internet and Digital Cellular-Dual Path Fire Alarm Communicator

Description

Gamewell-FCI is focused on providing the next generation of fire alarm communication solutions for the fire industry. The Gamewell-FCI, IPGSM-DP (Internet and Digital Cellular-Dual Path Fire Alarm 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-DP 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-DP 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-DP 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.



IPGSM-DP

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, GPRS (General Packet Radio Service) and SMS (Short Messages Service). It uses the Internet or cellular as the primary communication paths or it uses the Internet as the primary path with cellular backup.
- **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).
- **Requires no change to existing Fire Alarm Control Panel Configuration**
  The IPGSM-DP connects directly to the primary and secondary telephone ports.

An ISO 9001-2000 Company

SIGNALING
LISTED
S789 7300-1645-0183

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Specifications

Power Transformer	
Input Operating Voltages:	
Primary:	120 VAC, 60 Hz, 0.50A
Secondary:	18 VAC, 50 VA
Backup Battery:	12 V 7.0 A (24 hrs. standby)
Current Requirements:	- 220 mA standby - 685 mA during transmission
Transmission Power:	850 MHz - 1 Watt 1900 MHz - 2 Watts
Mechanical Dimensions:	12.75” W x 14.875" H x 3.0" D (32.4 W x 37.6 H x 7.6 D cm)
Operating Temperature:	32° F to 120° F (0° C to 49° C)
Humidity:	0% - 93% non-condensing

Ordering Information

Part Number	Description
IPGSM-DP	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-DP 50 FT Coax
7626-25HC	Antenna Cable IPGSM-DP 25 FT Coax
GSM-ANT3DB	3 dB External/Remote Weatherproof Antenna
7720P	Handheld Programmer, IPGSM-DP
HPTCOVER	Plug-in transformer box
BAT-1270	Battery 12 Volts, 7 A/H Sealed

Features (Continued)

- **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.
- **Back-Up Battery**
  12V, 7AH delivered 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.