



IPGSM-4G & iGSMCF They May Look Similar, But There Is A Difference...

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Honeywell Power Products and Honeywell Security both sell fire alarm communicators to meet the evolving needs of the market, however there are a few key differences between the products. Both communicators enable fire alarm Contact ID reporting via additional communications paths, but Honeywell Power's IPGSM-4G connects to ANY fire panel and allows you the flexibility to choose between two modes of communication.

Catalog Feature	IPGSM-4G	iGSMCF
Compatible Panels	Any (Dialer Connection)	HSG Vista (ECP Bus)
Dialer Capture Operation	YES	NO (Note 1)
IP/GSM (default mode)	YES	YES
GSM Only (field selectable)	YES	NO
IP Only (field selectable)	YES	NO
Contact ID	YES	YES
Battery Backup	YES	YES
Six dry contact inputs	NO	YES
Fire Listings	UL	UL,CSFM

Note 1: DCID & DCID-EXT modules are not fire listed

Both communicators allow faster and more economic alarm transmissions from the protected premises, improved response times to the Central Station; and decreased end-user operational costs. The IPGSM-4G does it through dialer capture and the iGSMCF does it through a Vista panel bus connection or dry contact closure.

Operations for the **IPGSM-4G**:

When an event (Alarm, Supervisory or Trouble) occurs, the Fire Alarm Control Panel goes off hook to dial the central station. The IPGSM-4G Dialer Capture Module detects the off-hook condition and provides the fire panel with a dial tone. When the fire panel detects the dial tone, it begins dialing the central station. The Dialer Capture Module considers the three second period after dialing as the number dialing has been completed. After the dialing is completed, the Dialer Capture Module returns a handshake to the fire panel. The fire panel then sends the contact ID reports to the Dialer Capture Module, which in turn sends an acknowledge signal after the report is successfully received from the fire panel. The Dialer Capture Module sends the contact ID reports to the iGSM communications module. When all the reports are sent, the fire panel goes



on-hook. The iGSM communications module then transmits the messages to the central station either over the internet and/or GSM network.

Features of IPGSM-4G (by: Honeywell Power Products)

1. *Saves Money! You no longer need the cost of two dedicated phone lines.*
2. Dual path communications: Uses **Internet** or **GSM** (cellular) as **primary**.
3. Requires no change to the existing Fire Alarm Control Panel configuration. The IPGSM-4G connects directly to the primary and secondary telephone ports of the Fire Alarm Control Panel.
4. Works over any type of customer provided Ethernet 10/100 Base network connection (LAN or WAN), DSL modem or cable modem.
5. Data transmits over standard contact-ID protocol but is secured with the industry's advanced encryption standard (AES 256 bit).
6. Supports both dynamic (DHCP) or Public and Private Static IP addressing.
7. Built-In Power Supply module: On board charging circuit design accommodates back-up battery. Includes primary power and battery supervision.
8. Diagnostic LEDs: Signal strength and status indications.
9. Reliable connection: IP and GSM tested every day.
10. Quality of Service diagnostics via AlarmNet supply vital information including when message was received, battery voltage, input voltage, signal strength, and message path.
11. Hand held programmer for setup.

Features of iGSMCF (By: Honeywell Security)

1. *Saves the cost of two dedicated phone lines.*
2. 7845i-GSM Internet and Digital Cellular Communicator
3. Reports signals via Internet or GSM digital cellular network
 - Dual-Path Technology – GPRS primary, SMS secondary
 - Diagnostic LEDs for signal strength and status
4. Universal control panel compatibility
 - Quick connection via keypad bus to compatible **Honeywell Vista control panels**
 - Six input zones
5. Full Contact ID or ADEMCO High speed reporting
6. Upload/download of select **Honeywell Vista panels** via Internet or GSM
7. Tamper protected enclosure
8. Programming using 7720P Tool or via the web with AlarmNet Direct
9. Transformer and backup battery included

For answers to your other questions, visit www.honeywellpower.com , email hpp.techserv@honeywell.com, or call toll-free 877-HPP-POWR (877-477-7697).