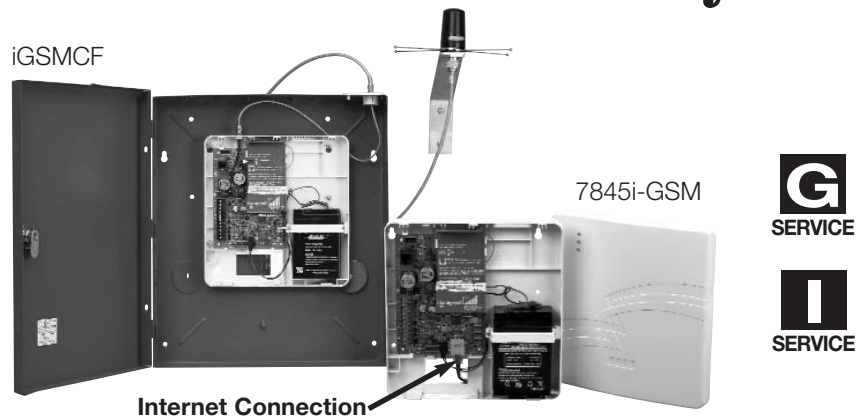


Internet and Digital Cellular Communicators

With Remote Services Capability



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.

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).

*Service subscription required.

Internet and Digital Cellular Communicators

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
7845i-GSM iGSMCF	Internet/GSM Cellular Communication Module	UL/ETL	✓	✓ (ETL Only)	✓	✓ (UL Only)	✓	✓ (ETL Only)	✓ (ETL Only)	✓	✓ (UL Only)	✓ (UL Only)

*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
7845i-GSMCN iGSMCN	Internet/GSM Cellular Communication Module	cUL/ULC	✓	✓	✓	✓	✓ (iGSMCN Only)

Agency Listings

iGSMV, iGSMV-EX 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

7845i-GSM	Internet and Digital Cellular Communicator with Remote Services Capability
7845i-GSMG	California Compliant Internet and Digital Cellular Communicator with Remote Services Capability
iGSMCF	Standalone Commercial Fire Communications Kit
iGSMCN	Internet and Digital Cellular Communicator for Canada with Remote Services Capability
iGSMV	Internet and Digital Cellular Communicator
iGSMV-EX	Internet and Digital Cellular Communicator (Export)

For more information:

www.honeywell.com/security/hsc

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L/7845GSM/D
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