

## 7845GSM DIGITAL CELLULAR COMMUNICATOR



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 7845GSM delivers secure, reliable and complementary digital communications via the GSM (Global System for Mobile) network. Our exclusive use of dual-path GPRS service with SMS backup provides substantial benefits to protect your investment by future-proofing your recurring revenue. This ground-breaking communications solution offers

full data reporting and uploading/downloading with most Honeywell control panels. Plus, with zone inputs, 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 the AlarmNet-A, AlarmNet-M, 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.
- **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.
- **Dual-Path Technology** – Uses GPRS (General Packet Radio Service) as primary digital cellular path and automatically switches to SMS (Short Message Service) if GPRS is unavailable.
- **Upload/Download** – With select Honeywell control panels using 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** – Use of any message generated as supervision message per optional 24 hour or 30 day intervals. This feature effectively limits required messages to be sent.

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## ACCESSORIES

7720P Programmer



1332 Transformer  
(1332CN for Canada)  
(Included)



K14139 Battery  
(Included)



## SPECIFICATIONS

### Electrical

#### Power

- Input Operating Voltage:  
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
  - 850MHz 1 Watt
  - 1900MHz 2 Watts

### Mechanical

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

### UL/ULC Listings

- UL 365 – Police Station Connected Burglar Alarm Units and Systems
- UL 1610 – Central Station Burglar Alarm Units
- UL 1635 – Digital Alarm Communicator System Units

- UL 985 – Household Fire Warning System Units
- CAN/ULC-S303-M91 (First Edition) – Local Burglar Alarm Units and Systems
- CAN/ULC-S304-M88 (First Edition) – Central and Monitoring Station Burglar Alarm Units
- CAN/ULC Subject C1023-1974 (First Edition) – Household Burglar Alarm System Units
- CAN/ULC-S545-02 (Second Edition) – Residential Fire Warning System Control Units

## ORDERING

<b>7845GSM</b>	Digital Cellular Communicator
<b>7845GSMCN</b>	Digital Cellular Communicator for Canada

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