Honeywell

7847i Series
IP COMMUNICATORS

7847i-E

7847i

Honeywell's 7847i Series is the next generation family of IP Communicators designed to meet today's demand for viable communication alternatives.

The 7847i delivers highly secure, reliable, Internet communication of alarm data while the 7847i-E is suitable for enterprise private network applications using local LAN or point to point connections.

Internet 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 providing true redundancy and multi-path message delivery.

FEATURES

- **Secure IP Reporting**
  - Reports signals via Internet or Intranet (7847i-E only)
  - Uses 256-bit Advanced Encryption Standard or optional 1,024 bit encryption with two-way authentication and no key exchange for maximum data protection
- **Dialer Capture Ready**
  - Compatible with Dialer Capture Intelligence Device (non-ecp capable 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 IP communicator.
- **Universal Control Panel Compatibility**
  - Flexible modes of operation allow ECP full 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
- **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.
- **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 (7847i/7847i-E).
- **Tamper Protected Enclosure**
  - Built-in tamper sends a report when a tamper condition is detected and a restore when cleared
- **Remote Services Capability***
  - Control Honeywell control panels via Internet or mobile device and e-mail notification of system events.

  * Requires optional Honeywell Total Connect® Remote Services
- **Network Friendly**
  - Installs behind firewalls without compromising network security—dynamic or static IP addressing
- **Ease of installation**
  - Easy CAT-5 10 BaseT connection to a hub or router-Quick connection to compatible Honeywell series control panels
  - Simple programming using a 7720P programmer, AlarmNet Direct website
- **Upload/Download**
  - With select Honeywell control panels. Requires Compass version 1.5.8.54a or higher.

7847i Series
IP COMMUNICATORS

Honeywell

AGENCY LISTINGS			
Communication Devices		7847i	7847i-E
Description		Internet Communication Module	Enterprise Communicator
Testing Agency		UL	ETL
Commercial Burglary Standards	UL 365 Police Connected Burglar Alarm Commercial Burglar	✔	✔
	UL 609 Local Burglar Alarm Systems		✔
	UL 1076 Proprietary Burglar Alarm Units and Systems		✔
	UL 1610 Central Station Burglar Alarm Commercial Burglar	✔	✔
	UL 1635 Digital Alarm Communications Commercial Burglar		
	Encrypted Line Security (Grade AA) Commercial Burglar	✔	✔
	NIST National Institute of Standards and Technology	✔	✔
Commercial Fire Standards	UL 864 Standalone*		
	UL 864 Primary/Backup**		
	Factory Mutual (FM) Commercial Fire		
	California State Fire Marshall (CSFM)	✔	
Residential Standards	UL 1023 Household Burglar Alarm	✔	✔
	UL 985 Household Fire	✔	✔

*Standalone listing does not require a separate listed DACT.
**Primary/backup listing requires use of a listed DACT

7847i Series
IP COMMUNICATORS

Honeywell

SPECIFICATIONS

7847i/7847i-E

Electrical

- Operating Voltage: 12VDC
- Current Drain: 75m
- Radio Fault Output: open collector
- Input Trigger Levels: (V+) 2V-14V (V-) 0V-1V

Ethernet

- Network Standard: IEEE 802.3u compliant
- Data Rate: 10Base-T/100Base-T with auto detect
- Ethernet Cable: Cat.5 (min), MDI/MDI-X auto crossover

Mechanical

- Dimensions: 8.4” x 8.0” x 1.5”
- Weight: 1lb.

Environmental

- Operating Temperature: -20° C to 55° C (-4° F to 131° F)
- Storage Temperature: -40° C to 80° C (-40° F to 176° F)
- Humidity: 0-95% relative humidity, non-condensing

Fire/Burglary

- CUL-Residential/Commercial Burglary
- UL 985-Standard for Household Fire Warning System Units
- UL 1023-Standard for Household Burglar Alarm System Units
- UL 609-Standard for Local Burglar Alarm Units and Systems (7847i-E Only)
- UL 365-Standard for Police Station Connected Burglar Alarm Units
- UL 1610-Standard for Central Station Burglar Alarm Units
- UL 1076 Proprietary Burglar Alarm Units and Systems (7847i-E Only)
- ULC Subject C1023-1974-Preliminary Standard for Household Burglar Alarm System Units.
- ULC/ULC-S303-M91 Standard for Local Burglar Alarm Units and Systems
- CAN/ULC-S304-M88-Standard for Central and Monitoring Station Burglar Alarm Units

ORDERING

7847i	Internet Communicator
7847i-E	IP Enterprise Communicator

For more information:

www.honeywell.com/security

Automation and Control Solutions

Honeywell Security Products Americas

2 Corporate Center Dr. Suite 100

P.O. Box 9040

Melville, NY 11747

1.800.467.5875

www.honeywell.com

L/7847FAMD/D

July 2015

© 2015 Honeywell International Inc.