



7847i Series

IP Communicators

The Honeywell Home 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.



7847i-E



7847i

FEATURES AND BENEFITS

- **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 Home control panels, 4204 relay mode for Honeywell Home 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 Home 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 Home control panels via Internet or mobile device and email notification of system events.
* Requires optional Resideo 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 Home series control panels
Simple programming using a 7720P programmer, AlarmNet Direct website
- **Upload/Download**
With select Honeywell Home control panels. Requires Compass version 1.5.8.54a or higher.

7847i Series Technical Specifications

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

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

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

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