

## 7847i Series IP COMMUNICATORS



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 using the AlarmNet-A, AlarmNet-M, AlarmNet-i and 800 PLUS services, 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.

- LYNXR-I integration with 7847i-L

- **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 service

- **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 or via LYNXR-I (7847i-L).

- **Upload/Download**

- With select Honeywell control panels. Requires Compass version 1.5.8.54a or higher.

\*7847i-E scheduled for future release

| <b>AGENCY LISTINGS</b>               |  |  |                                      |
|--------------------------------------|--|--|--------------------------------------|
| <b>Communication Devices</b>         |  | <b>7847i-L</b>   | <b>7847i</b>                         |
| <b>Description</b>                   |  | <b>Internet Communication Module for LYNXR-I/LYNXR-2 Control</b> | <b>Internet Communication Module</b> |
| <b>Testing Agency</b>                |  | <b>ETL</b>   | <b>ETL</b>                           |
| <b>Commercial Burglary Standards</b> | 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  | ✓  | ✓                                    |
|                                      | Level 3 Line Security (Grade AA) Commercial Burglar      | ✓  | ✓                                    |
|                                      | NIST National Institute of Standards and Technology      |  | ✓                                    |
| <b>Commercial Fire Standards</b>     | UL 864 Rev. 9 Standalone*                                |  | ✓                                    |
|                                      | UL 864 Rev. 9 Primary/Backup**                           | ✓  | ✓                                    |
|                                      | UL 864 Rev. 8  |  |                                      |
|                                      | Factory Mutual (FM) Commercial Fire                      | ✓  | ✓                                    |
|                                      | California State Fire Marshall (CSFM)                    | ✓  | ✓                                    |
| <b>Residential Standards</b>         | 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

## SPECIFICATIONS

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### 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

### 7847i-L

#### Electrical

- Input Power: 12VDC (nominal), 14VDC (max)
- Current Drain: 56mA
- Shutdown Voltage: 5.5VDC

#### Mechanical

- Dimensions: 2.24"x 2.125" 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

#### 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

#### Agency

- UL/ULC Listings Pending
- UL-Residential/Commercial

### 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
- UL 365-Standard for Police Station Connected Burglar Alarm Units
- UL 1610-Standard for Central Station Burglar Alarm Units
- UL 1635-Standard for Digital Alarm Communication Units
- UL 864-Standard for Control Unit Accessories, Systems
- 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

|                |                                     |
|----------------|-------------------------------------|
| <b>7847i</b>   | Internet Communicator               |
| <b>7847i-E</b> | Enterprise IP Communicator          |
| <b>7847i-L</b> | Integrated IP Communicator for LYNX |

**For more information call:**

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