

7845i-ENT Enterprise

ENTERPRISE INTERNET COMMUNICATOR



Honeywell's 7845i-ENT communicator provides a private network solution using LAN connections combined with the capability to communicate via the Internet. The 7845i-ENT offers a fully encrypted, secure method of delivering alarm messages from the subscriber to the central station within a private network or using the Internet.

The 7845i-ENT can be easily installed in conjunction with a 7810iR-ENT for private network applications. Private network communication is contained within the LAN and is not routed through the AlarmNet Control Center. Internet

applications may be configured using 7810iR or 7810iR-ENT Internet receivers. The AlarmNet 800 Plus service allows routing from the 7845i-ENT to a Honeywell receiver via the AlarmNet Control Center.

The AlarmNet Control Center is fully redundant and monitored 24 hours a day, seven days a week. AlarmNet has the ability to route messages using the AlarmNet-A, AlarmNet-M, AlarmNet-i and 800 Plus networks; all of which provide true redundancy and the highest reliability in message delivery.

FEATURES

Private Network Application

- Compatible with 7810iR-ENT Enterprise Intranet Receiver
- Up to 1,000 accounts per receiver

Internet Application

- Unlimited account capacity
- Remote control with optional Symphony services

Features

- Reports signals via Private Intranet or via Internet
- Easy CAT-5 10BT connection to a hub or router

- Installs behind firewalls without compromising network security
- Dynamic or static IP addressing

Highest Level of Data Security

- 1,024 bit key encryption
- Optional AES-Advanced Encryption Standard
 - FIPS 197 approved algorithm
 - NIST Certificate #142 viewable at <http://csrc.nist.gov/cryptval/aes/aeval.html>

- Two-way authentication
- No key exchange for maximum data protection
- Quick connection to compatible Honeywell control panels
- Flash memory architecture ensures future flexibility
- Supports IP downloading with select VISTA control panels via Internet or Intranet applications

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SPECIFICATIONS

Electrical

- Operating voltage: 10–14VDC
- Current drain: 110–80mA

Mechanical

- Dimensions: 7.5" W x 6.5" H x 1.5" D
- Operating Temperature:
32° to 122° F
(0° to 50° C)
- Humidity: 85% RH

UL/CUL Listings

- UL – Residential/Commercial Fire/Burglary
- CUL – Residential/Commercial Burglary

- UL 985 – The Standard for Household Fire Warning System Units
- UL 1023 – The 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 and Systems
- 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
- CAN/ULC-S303-M91 – Standard For Local Burglar Alarm Units and Systems
- CAN/ULC-S304-M88 – Standard For Central and Monitoring Station Burglar Alarm Units

ACCESSORIES



7720P
Programming Tool

ORDERING

7845i-ENT Enterprise Internet Communicator

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January 2007
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