



## 7170-EM (UL) IP Links

### Overview

The 7170-EM IP Links connect AES network traffic to the 7705ii MultiNet Receivers (MNR) or the new 8705 IntelliNet® Network Control Center (INCC) receivers at the central monitoring station via the Internet. Adding IP Links to an AES network gives central stations the ability to monitor one or more AES networks from a single location anywhere on the globe! Sold in pairs, the 7170-EM IP Links enable AES providers to build and expand their networks.

### Benefits

- Connects multiple AES-IntelliNet® networks
- Expands AES-IntelliNet wireless network capacity
- Enables wireless-to-internet alarm transmission
- Transmits RF signals

### Key Features

- Lockable steel knob
- Heavy gauge steel enclosure
- Capability to transmit RF traffic to 8 IP addresses for disaster recovery purposes
- UL Listed, NFPA-72 compliant
- Antenna supervisory module to monitor antenna cuts



### Models

IP Link Receivers	
7170-EM (UL) IP Links	A pair of remote IP Link Receivers
<p><i>The 7170-EM (UL) IP Links comes with the following:</i></p> <ul style="list-style-type: none"> <li>• (1) 6' Programming Cable</li> <li>• (2) Transformers</li> <li>• (2) Transformer Enclosures</li> <li>• (2) IP Links</li> <li>• (2) Batteries 12V 10AH</li> <li>• (1) Installation Kit that includes (16) N Type Crimp Connectors, (2) 100 Ft. LMR-400 Coaxial Cables, (2) 7210-6 Antenna, (1) Crimp Tool, (2) Surge Suppressors</li> </ul>	
7170-EMS (UL)	A single remote IP Link Receiver

# Technical Specifications

## DIMENSIONS

12.75"H x 10.25"W x 6.375"D

## WEIGHT

16.4lbs, *not including battery*

## RADIO FREQUENCY

Standard Frequency Range:

450-470 MHz

*Contact AES for other UHF and VHF frequencies.*

## POWER INPUT

16.5V AC Class 2 Transformer

## OPERATING CURRENT

370mA standby, 900mA transmit

## POWER SUPPLY

110V

## BACKUP BATTERY

Min: 12V 10AH Battery

Max: 12V 12AH Battery

F2 Connector

## ANTENNA SUPERVISION

Antenna connected to dedicated Antenna Supervision Module. The 7170-VSWR (ASM) is mounted inside the enclosure for constant antenna supervision.

## TROUBLE OUTPUT

The following are reported to central station:

- Antenna Cut
- Low Battery
- AC Fail
- Charger Trouble

## PROGRAMMING INTERFACE

- Communicates via Console Serial Port
- Use Serial Terminal Program

## INTERFACE CONNECTIONS

- RJ45 Connection for Ethernet
- DB9 Serial Console Port for programming

## OPERATING TEMPERATURE

32 to 120°F (0 to 49°C)

## STORAGE TEMPERATURE

14 to 140°F (-10 to 60°C)

## RELATIVE HUMIDITY

0 to 93%, Non-condensing

## ENCLOSURE MATERIAL

Metal

## FINISH COLOR

Beige

## UL LISTINGS

- UL 864 Standard for Control Units and Accessories for Fire Alarm Systems, Edition 10
- Central Station Alarm Units
- Police-station-connected Alarm Units
- Central-station Fire Alarm System Units Certified for Canada
- Central Station Alarm Units Certified for Canada



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