

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM



LISTING SERVICE

LISTING No. 7300-1516:0104 Page 1 of 1

CATEGORY: 7300 -- FIRE ALARM CONTROL UNIT ACCESSORIES/MISC. DEVICES

LISTEE: AES CORPORATION 285 NEWBURY ST, PEABODY, MA 01960
Contact: Justin Mitchell (978) 839-7063 Fax (978) 535-7313
Email: jmitchell@aes-corp.com

DESIGN: Model Multi-Net consisting of Model 7705i or *7705ii Central Receiver and Model 7170 IP-Link Transceiver Supervising Station Receiver. Suitable for Type 6 One-Way RF/Other service when used with compatible Listed listee's Protected Premises transmitters as described in the installation manual.
The Model Multi-Net System shall be installed with duplicate equipment as shown in the manual for both fire alarm and burglar alarm service.
The Model 7705i or *7705ii is to be installed at the supervising station, in a controlled environment that has 24 hours of backup power. It must be mounted in a UL Listed (UOJZ) 19 in. rack and must be used the following separately Listed equipment and connected as described in the installation manual:
a) A UL Listed Printer
b) A UL Listed UPS and generator backup for a total of 24 hours standby power.
c) A UL497A Listed protector shall be installed between the Ethernet input and the router.

The Model 7170 IP-Link is intended to be installed either at the supervising station or Remotely located and must be connected as described in the installation manual. A UL497B Listed protector shall be installed between the Ethernet input and the modem. To maintain antenna supervision, the Model 7170 IP-Link shall not be located within 200 ft. of a subscriber transmitter or another 7170. This includes antenna cables and the IP-Link. The subscribers and IP-Links can only use the rubber duck antenna.
Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: Model 7705i/7705ii: 120 volts, 60 Hz, .6A
Model 7170 IP- Link: Primary Source 16.5 volts. 10Ah, 40VA
Secondary Source 12 volts, 10Ah

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction, UL Standard 827 (Standard for Central Station Alarm Services).

MARKING: Listee's name, model designation, date of manufacture and UL label.

APPROVAL: Listed as a one-way receiver unit for use with separately listed compatible central station fire alarm control units.

*Rev 07-12-18 gt



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other

Date Issued: **July 01, 2021**

Listing Expires **June 30, 2022**

Authorized By: **VICTOR WONG, Program Coordinator**
Fire Engineering Division