



## 7177 Hybrid Subscriber

# HYBRID

### Overview

The AES **7177 Hybrid 2.0 Subscriber** includes the 7794A AES-IntelliPro full data module and IP Link capabilities. WiFi Internet comes standard! The Hybrid Subscriber provides the capability to send an alarm from the customer premises to the Central Monitoring Station (CMS) via RF and/or IP AND transmit peer signals via IP.

### Key Features

- Back-lit LCD with automatic turnoff, Power and Trouble LEDs, and Menu/Silence button on chassis door.
- Integrated Tamper Switch connected to one of the available dry contact zones.
- Antenna Supervision Module (ASM) with dedicated connector.
- Integrated AES Certified FACP Adapter for flexible power options.
- Integrated 7794A AES-IntelliPro full data module.
- Integrated Local Annunciator on chassis.
- Local upgradeable software via USB, smartphone, tablet, or PC.
- Available in choice of 8 isolated dry contact zones or 4 isolated dry contact zones and 4 isolated reverse polarity zones; one zone is reserved for Tamper Switch.



- Features dual functionality
- Acts as a network bridge
- Extends network coverage

### Benefits

- Automatically forwards peers RF traffic through the RF mesh when the Internet connection to the MNR is down.
- Extends network coverage when installed on the edges of an existing mesh network.
- Communicates to all types of Subscribers on the AES network.
- Sends outbound messages initiated from IP Ctrl just like a conventional Subscriber.\*

### Models

Hybrid 2.0 Subscribers	
7177H-88-ULP	Hybrid 2.0 Subscriber, 8-Zone (isolated dry contact) Fire Unit with 7794A AES-IntelliPro Full Data Module and IP Link Capabilities
7177H-44-ULP	Hybrid 2.0 Subscriber, 4x4 Zone Fire Unit with 7794A AES-IntelliPro Full Data Module and IP Link capabilities
The 7177 Hybrid comes standard with integrated 7794A AES-IntelliPro full data module, no need to order 7794A standalone	

# Technical Specifications

## DIMENSIONS

13"H x 8.5"W x 4.5"D  
(33cm x 21.5cm x 11.4cm)

## WEIGHT

- 15.85 lbs (7.2 kilograms) with 12Ah battery
- 7 lbs (3.2 kilograms) excluding battery

## RADIO FREQUENCY

Standard Frequency Range:  
450-470 MHz  
*Contact AES for other UHF and VHF frequencies*

## ANTENNA

2.5 dB Tamper resistant antenna included

## ANTENNA SUPERVISION

Antenna connected to dedicated Antenna Supervision Module (ASM), for constant antenna supervision

## POWER INPUT

- 16.5V AC Class 2 Transformer  
*Transformer not included*
- 24V DC External Regulated Power Supply
- 24V DC Regulated Power Supply from FACP AUX Power

## BACKUP BATTERY

12 Ah, UL recognized lead acid gel cell battery  
*Size based on Subscriber configuration*

## CURRENT CONSUMPTION

### Backup Battery Power

- Standby = .355A
- Transmit = .786A

## ALARM SIGNAL INPUTS ZONES

- 8 Isolated dry contact zones
- 4x4 Option with 4 isolated dry contact zones and 4 isolated reverse polarity zones; 1 zone is reserved for Tamper Switch
- 7794A AES-IntelliPro full data module included for Contact ID, and Pulse

## CERTIFICATIONS

- UL 864 Standard for Control Units and Accessories for Fire Alarm Systems, Edition 10
- CAN/ULC S559 Equipment for Fire Signal Receiving Centers and Systems, Edition 2

## TROUBLE OUTPUT—ACK DELAY / ANTENNA CUT

Form C relay, fail secure, rated 24V DC 1A resistive, unsupervised

## RESET BUTTON

Located on main circuit board

## 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

## PORTS

- (1) Ethernet cable
- (2) USB ports

## ANNUNCIATOR

Integrated Local Annunciator

## PROGRAMMING INTERFACE

Web browser capable device accessible via smartphone, tablet, laptop, or PC

## POWER OUTPUT

2 or 5 Watts  
*Contact AES for other options*

## ENCLOSURE MATERIAL

Metal with paint finish

## FINISH COLOR

Red

## VISUAL INDICATORS

- Front panel LCD (2 x 20 alphanumeric character back-lit display)
- Power and Trouble LEDs (ALM, Trouble, Tx, Rx, WA)
- Menu/Silence button