



7177 Hybrid 2.0 Subscriber

HYBRID

UL Approved

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



For details or to learn more about our products and service offerings, please call your local AES Sales Representative at (800) 237-6387 or email sales@aes-corp.com.

About AES Corporation

AES Corporation is the leading manufacturer of code compliant wireless alarm communication products and solutions serving commercial security markets and government agencies worldwide. AES-IntelliNet® patented technology will never sunset compared to obsolescing technologies such as cellular and traditional phone lines. AES private mesh radio networks are owner operated and controlled, providing superior reliability with the fastest transmission speed available. Over a half million AES Subscribers are installed worldwide. AES is the clear choice for life safety and security, protecting people and property for over 40 years.

Overview

The new **AES 7177 Hybrid** 2.0 Subscriber includes the AES-IntelliPro full data module and IP Link capabilities.

Wi-Fi 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.

The Hybrid subscriber was developed in response to valuable dealer feedback. It is a cost effective solution designed to improve the health of an existing network, start a new network where there is no Radio Frequency (RF) coverage, and reduce local RF congestion due to geographical conditions.



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Key Features

- Backlit 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
- External Wi-Fi antenna on chassis
- Antenna Supervision Module (ASM) with dedicated connector
- Integrated AES Certified FACP Adapter for flexible power options
- Integrated AES-IntelliPro full data module
- Integrated Local Annunciator on chassis
- Local upgradable software via USB, smartphone, tablet, or PC (legacy HandHeld Programmer no longer needed)
- 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

Key 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 IPCtrl just like a conventional subscriber

Models

Hybrid 2.0 Subscribers	
2.0 HYBRID	
7177H-88-ULP	Hybrid 2.0 Subscriber, 8 Zone (isolated dry contact) Fire unit with AES-IntelliPro included and IP Link capabilities
7177H-44-ULP	Hybrid 2.0 Subscriber, 4x4 Zone Fire unit with AES-IntelliPro included and IP Link capabilities
<i>The 7177 Hybrid comes standard with integrated AES-IntelliPro full data module and Wi-Fi Internet, no need to order 7794A standalone or 77-WiFi adapter separately</i>	

Technical Specifications

7177 Hybrid

DIMENSIONS

13"H x 8.5"W x 4.5"D
(33cmH x 21.5cmW x 11.4cmD)

WEIGHT

5.8 lbs (2.6 kilograms) excluding battery, 13 lbs (5.9 kilograms) with 12 Ah 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, mounts on enclosure, and optional remote mounting antenna available

FLEXIBLE POWER

16.5VAC and battery
24VDC and battery*
24VDC only*
*(requires FACPA for isolation)

BACKUP BATTERY

12 Ah, UL recognized lead acid gel cell, size based on subscriber configuration

ALARM SIGNAL INPUTS/ZONES

- 8 isolated dry contact zones or 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

UL LISTINGS

- UL 864 Standard for Control Units & Accessories for Fire Alarm Systems, Edition 10
- CAN/ULC S559 Equipment for Fire Signal Receiving Centres and Systems, Edition 2
- FCC-B emissions recognized

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

(2) USB ports

ANNUNCIATOR

Integrated Local Annunciator (Remote Annunciator accessory available)

COMPATIBLE RECEIVERS

7705i, 7705i-C, 7705ii, and 7705ii-C AES-MultiNet Receivers

CONFIGURATION INTERFACE

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

CURRENT CONSUMPTION

Standby = 0.4A
Standby + Charging = 1A
Transmitting = 1.4A

POWER OUTPUT

2 Watts, Factory set
Contact AES for other options

ENCLOSURE MATERIAL

Steel with paint finish

FINISH COLOR

Red

VISUAL INDICATORS

Front panel LCD (2 x 20 alphanumeric character backlit display with automatic turnoff), Buzzer, Power and Trouble LEDs (ALM, Trouble, Tx, Rx, WA), Menu/Silence button

ANTENNA SUPERVISION

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