

Wireless Alarm Communicators for AES-IntelliNet

7058E Series

Technical Specifications

7058E Series Subscriber

Slimmer, sleeker case

DIMENSIONS

13.25 in H x 8.5 in W x 3 in D
(34 cm H x 21.5 cm W x 7.62 cm D)

WEIGHT

Approx. 4.5 lb
(1.5 kg), excludes battery

RADIO FREQUENCY

Standard Frequency Range:
450-470MHz (others available
in 400-512MHz range)
Output Power - 2 Watts

ANTENNA

Included 2.5 db tamper resistant
antenna mounts on enclosure
Multiple remote antenna
options available

POWER INPUT

16.5VAC, 40VA (transformer
not included)

BACKUP BATTERY

Will charge 12V battery up to
7.5 AH

ALARM SIGNAL INPUTS

8 individually programmable
Zones:
NO/NC/Supervised EOL/Fire
EOL/voltage from panel
Trouble and Restore

UL LISTINGS

Tested to UL 2017 – Safety for
General Purpose Signaling
Devices and Systems

RESET BUTTON

Located on main circuit board



As landlines disappear and the future of GSM for alarm transmission becomes increasingly uncertain, the AES-IntelliNet mesh radio network continues to offer unmatched reliability and speed in delivering wireless alarm signals to a central station without any monthly telecommunication fees or reliance on networks operated by companies outside the alarm industry.

The 7058E Series Subscribers provide the wireless communications link between the alarm panel and the central station receiver. Ideal for most commercial security applications, each 7058E Series Subscriber is housed in a full-sized, locked steel cabinet and supports a range of alarm panel inputs, including NC/NO/EOL and direct voltage from the panel.

Supervised Operation

AES Subscribers offer fully-supervised operation that includes monitoring of operating power (both primary AC and battery back-up) and the connection to the radio network. Each subscriber “checks-in” with the AES central station receiver at least once every 24 hours. The supervision check-in time can be set to as often as needed for the application, as appropriate for the network. Because the central station operates the wireless network, there is no additional cost for air time to transmit supervisory signals.

Features

- Direct reporting to AES receiver across AES-IntelliNet mesh radio network
- Each Subscriber acts as transmitter/ receiver/ repeater
- Simple and fast activation on network
- On board status LEDs for easy set up
- 8 on board programmable zone inputs
- Battery charging circuit supports up to 7.5 AH standby battery
- Easy programming via AES handheld programmer or PC
- Rugged metal housing ideal for any commercial security applications
- Narrowband compliant

ANTENNA CUT / COMMUNICATION TROUBLE

12V open collector output at J4, ground on activation; 200mA max load

TELEPHONE LINE CUT MONITOR

Available with AES-IntelliPro option (7058E-P)

OPERATING TEMPERATURE

0° to 50° C (32° to 122° F)

STORAGE TEMPERATURE

-10° to 60° C (14° to 140° F)

RELATIVE HUMIDITY

0 to 85% RHC, Non Condensing

7094 AES-IntelliPro

INPUT / OUTPUT CONNECTIONS

RJ11 connection to AES subscriber for module data and power

IDC10 connector for Handheld Programmer/ PC programming

RJ31X Telco connections - T and R both in and out via terminal strip

Alarm Panel digital communicator T and R both in and out via terminal strip

Trouble output (open collector) via pin connection: Detects if Subscriber is off the network

ALARM FORMATS

Support for Contact ID and Pulse formats as well as Modem IIe and Modem IIIa2 converted to CID

SIZE

2.8"H x 5.0" W
(7.1cm H x 12.7cm W)

POWER REQUIREMENTS

12 VDC nominal - primary and backup power provided by the AES 7058 or other Subscriber

Full Data Reporting from Alarm Panel Digital Dialer

The AES Model 7058E-P comes equipped with an AES-IntelliPro Full Data Module (7094 AES-IntelliPro) which enables reporting of full alarm data captured from the alarm panel's digital communicator. AES-IntelliPro supports most alarm communication formats including Contact ID, Pulse, as well as Bosch Modem IIe and Modem IIIa2 (when converted to ID format).

Model 7058E with AES-IntelliPro also includes

- AES-IntelliPro transmits full alarm data from virtually any alarm panel digital communicator
- Alarm format support for Contact ID, Pulse, or Bosch Modem IIe or Modem IIIa2
- Easy installation in AES subscriber
- Operates in applications with or without a phone line

HOW TO ORDER

Model	Description
7058E	8 Zone Security Subscriber
7058E-P	8 Zone Security Subscriber with AES-IntelliPro
7058E-T	8 Zone Security Subscriber with AES-IntelliTap

Optional Accessories

Model	Description
7041E	Subscriber Handheld Programmer
7094	AES-IntelliPro Full Data Module
1640	Plug-in Transformer 16.5VAC, 40VA
7659-IPD1-R	Full Data Module enabled for AES Interactive Services
ISS-2000	AES Sitelink24 Interactive Security Services with Notifications

About AES Corporation

Established in 1974, AES Corporation empowers companies to grow profitable alarm monitoring businesses, and government agencies to enhance security anywhere in the world. By providing the industry's only patented operator-owned and controlled private wireless mesh networks, AES ensures superior reliability, low TCO and optimal RMR while reducing dependence on service provider infrastructures. The company's flagship AES-IntelliNet systems are deployed in over a half million locations worldwide.



For more information, go to www.aes-corp.com or call **(800) 237-6387** or contact us at sales@aes-corp.com

© Copyright 2015 AES Corporation | AES-IntelliNet is a registered trademark of AES Corporation