

# 7058E Series

## Wireless Alarm Communicators for IntelliNet



Model 7058E-P

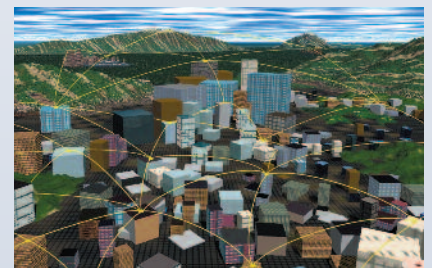


### Features – All models

- Direct reporting to AES receiver across IntelliNet wireless mesh 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

### Model 7058E-P with IntelliPro also includes

- 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



Wireless mesh networking is an innovative technology adopted by many industries with applications that need to communicate data over a large geographic area with a high level of reliability at a low total cost of ownership.

The advanced design and 2-way communications capability provides easy installation, expansion, and management when compared to alternative communication methods, both wired and wireless.

### Advanced Wireless Alarm Monitoring

The AES IntelliNet mesh radio network offers unmatched reliability and speed in delivering wireless alarm signals to a central station without any third party fees or reliance on networks owned by companies outside the security industry. AES 7058E Series Smart Subscriber Transceivers provide the wireless communication link between an alarm panel and the central station receiver. The 7058E Series is ideal for most commercial security applications. Each 7058E Series Subscriber is housed in a full sized, locked, steel cabinet and supports a wide range of alarm panel inputs including NC/NO/EOL and direct voltage from the panel.

### Supervised Operation

AES Smart Subscribers offer fully supervised operation that includes monitoring of operating power (both primary AC power and battery backup) 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 once per minute and, because the central station owns the wireless network, there is no additional cost for air time to transmit supervisory signals.

### Full Data Reporting from Alarm Panel Digital Dialer

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

# 7058E Series



## Technical Specifications

### AES-7058E Series Subscriber

#### Dimensions

- 13.25"H x 8.5"W x 4.3"D  
(34cm H x 21.5cm W x 11cm D)

#### Weight

- Approx. 7 pounds (3.2 kilograms),  
excludes battery.

#### Radio Frequency

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

#### 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 (subscriber)

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

#### UL Standards

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

#### Antenna Cut / Communication

##### Trouble

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

#### Reset Button

- Located on main circuit board.

#### 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

### AES-7094 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 x 5.0 inches (7.1cm x 12.7cm)

#### Power Requirements

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

## How to Order

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

## Optional Accessories

7041E	Subscriber Handheld Programmer
7094	IntelliPro Full Data Module



AES-IntelliNet™ is the industry leader in delivering high quality wireless mesh networks to the fire and security industry in commercial, corporate, government, and educational applications with its broad line of products and advanced network management tools. Users of AES-IntelliNet networks have gained significant revenue, communications, and cost advantages while meeting the high standards of reliability required for the fire and security industry. AES-IntelliNet alarm monitoring systems are deployed at hundreds of thousands of locations in over 150 countries.



For more information

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