

7704-DMS Dedicated Monitoring System

Perfect for monitoring water flow!

OVERVIEW

The AES 7704-DMS Dedicated Monitoring System is a fully integrated monitoring system containing 6 zones and 1 NAC circuit. Easily monitor and send alarm signals over a new or existing AES network with this all-in-one solution.

KEY FEATURES

- 6 Programmable Initiating Device Circuits (IDC), Class B (2-wire)
- Built-in Silence / Reset button
- 1 Notification Appliance Circuit (NAC)
- NAC strobe synchronization for Gentex and System Sensor (Temporal/Cadence patterns)
- Intertek (ETL) tested to meet UL 864 Standards

BENEFITS

- All-in-one solution that combines panel functionality with the AES 2.0 Subscriber.
- Easy to install, saving time and money with single box solution.
- Compatible with many manufacturers devices for IDCs and NACs.
- Ideally suited for a single dedicated function such as water-flow monitoring.
- User-friendly interface makes programming easy.



TECHNICAL SPECIFICATIONS

DIMENSIONS

13"H x 10"W x 4.5"D
(33 cm H x 25.2 W x 11.4 cm D)

WEIGHT

- Approx 8.1 lbs (3.7 kg) without battery
- Approx 16.3 lbs (7.4 kg) with 12 aH battery

RADIO FREQUENCY

Standard frequency range:
450-470 MHz
Contact AES for other UHF and VHF frequencies

ANTENNA

3.3 dB Phantom Antenna with
NMO Mount

POWER INPUT

16.5V AC 50 VA Transformer

BACKUP BATTERY

12 Ah battery

CURRENT CONSUMPTION

See AES Battery Calculator

ALARM SIGNAL INPUTS

- 6 Programmable Initiating Device Circuits Input Zones
- Type B input (2-wire)

CERTIFICATIONS

- Intertek (ETL) Listed to UL 864 Standards
- CALFire and FDNY (In Process)

RESET BUTTON

Silence/ Reset Button located on
main circuit board

OPERATING TEMPERATURE

32° to 122° F

STORAGE TEMPERATURE

14° to 140° F

RELATIVE HUMIDITY

0 to 93%, non-condensing

PORTS

- (1) ETHERNET
- (2) USB

ANNUNCIATOR

Integrated buzzer or remote
annunciator, AES Part #7740

PROGRAMMING INTERFACE

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

POWER OUTPUT

2 Watts

ENCLOSURE MATERIAL

Metal

ENCLOSURE COLOR

Red

VISUAL INDICATORS

- Front Panel LCD (2x20 alphanumeric character back-lit display)
- Power and Trouble LEDs (Control Panel and Subscriber, ALM, Trouble, Tx, Rx, WA)

COMPATIBLE RECEIVERS

7705ii MNR, 8705 INCC (Receivers must be upgraded to latest software versions, MNR: 2.0.8.7532; NMS: 9.0.5.4739; INCC: 10.00.03.3089)

SMOKE DETECTOR COMPATIBILITY

Compatible with a large number of listed 2 wire models: System Sensor, Hochiki, Potter

NAC POWER

0.5 Amps

NAC OUTPUT

Models including: Gentex, System Sensor, Potter

Note: Strobe synchronization available with Gentex and System Sensor

NAC PATTERNS

Temporal & Cadence patterns

aes-corp.com