# 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 Listed

**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: 2.0.8a; NMS: 9.0.5; INCC: 10.00.04)

**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