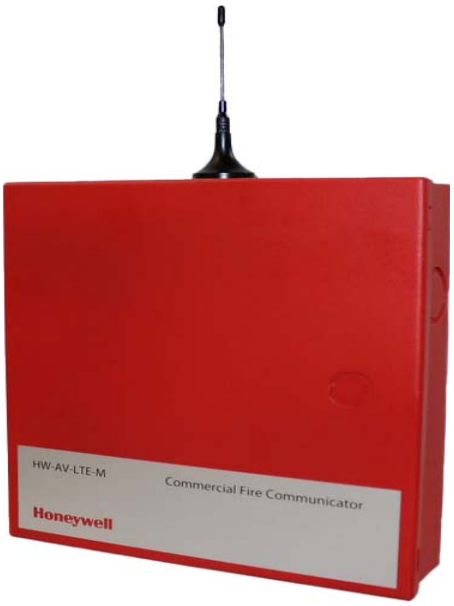
HW-AV-LTE-M CLSS PATHWAY

Connected Life Safety Services (CLSS) Dual-Path LTE Communicator with Dialer Capture Interface

The Honeywell® CLSS Pathway is a differentiated communications platform with dual SIM support for AT&T® and Verizon® and integrated features powered by the CLSS Cloud.

The CLSS Pathway combines dialer capture functionality with the powerful capabilities of Honeywell's CLSS Cloud. It represents the latest alarm communications technology for the fire industry. CLSS Pathway, an UL864 listed communicator allows data transfer from alarm systems at remote sites to any Central Monitoring Station and CLSS Cloud using LTE CAT-M1 network and LAN.

This device provides a single site-to-cloud path ensuring all CLSS Cloud services use the same audited and monitored method to access the on-premise life safety system.



Metal enclosure (HW-AV-ENC) for housing CLSS Pathway (HW-AV-LTE-M)

HONEYWELL CONNECTED LIFE SAFETY SERVICES (CLSS)

Honeywell CLSS is an innovative, all-in-one cloud platform that enables systems integrators and facilities managers to deliver an enhanced fire safety service, while maximizing the performance efficiencies offered by Honeywell's trusted detection and alarm systems. The CLSS platform enables users to:

- Transmit Fire Alarm Control Panel events to Central Monitoring Station
- Get a "bird's eye" view of all accounts
- Obtain real-time information on event generation, enabling diagnosis before dispatch
- Conduct tests and inspections using a mobile app (available in select markets)
- Provide end users with multi-site asset information and event alerts
- Support contextual information for First Responders (available in select markets)

CLSS Pathway (HW-AV-LTE-M)

DUAL AT&T AND VERIZON SUPPORT

Equipped with dual SIM cards, the CLSS Pathway supports both AT&T and Verizon networks. When first powered on, the communicator connects through the primary cellular network (Verizon). If primary cellular pathway is not available, the device connects through the secondary cellular network (AT&T). Supports option to change the default primary cellular network from Verizon to AT&T using CLSS Mobile App or CLSS Site Manager.

SIMPLIFIED INSTALLATION

The CLSS Pathway is commissioned via the CLSS mobile app and CLSS Site Manager interface, which also allow for additional remote visibility.

Connection and mounting is simplified using the enclosure kit. The CLSS Pathway is compatible with any fire alarm dialer using Contact ID, SIA, or 4x2 format and automatically recognizes the format when powered up. Any number can be programmed into the panel phone numbers. Installers can select the central station service they wish to use from a list of approved central station providers. Only account numbers assigned by the central station must be programmed and the dialer selected for tone dialing output.

FEATURES AND BENEFITS

- CLSS enables monitoring of event transmission data & management of device inventory from the CLSS mobile app and web portal (available only when using point-based reporting)
- Meets UL864 requirements for Sole and Dual Path communications. Supports sole path communication leveraging redundant cell carriers (dual-SIM, Verizon, or AT&T) or a dual-path communication using IP as the primary path and redundant cellular carriers as the secondary path
- CLSS mobile app supports push and email notifications
- Remote firmware updates
- High reliability due to multiple transmission channels (LTE CAT-M1/LAN) and redundant servers
- Universal Panel Compatibility - Dialer capture interface supporting Contact ID, SIA or 4x2. (Supported SIA formats - SIA8, SIA20, SIA2000. Supported 4x2 frequencies - 1400 Hz, 2300 Hz)
- Unique "M1" Network is 5G ready, providing deep signal penetration that allows operation within buildings
- Four supervised inputs for non-dialer panels
- Exceptional Redundancy - Dual-SIM device. If one network becomes unavailable, the communicator connects to the other network
- Powered directly by a 24-volt DC fire alarm power supply. No need for additional batteries, transformer, or power supply
- Connection monitoring - adjustable fault reporting time
- Web-based software and smartphone app for device configuration and administration

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HW-AV-LTE-M TECHNICAL SPECIFICATIONS

Characteristics	Imperial Unit	Metric Unit
Electrical		
Supply Voltage	+12 to +29 VDC	
Power Consumption	• Standby: 60 mA • Peak: 200 mA	
Frequency	LTE CAT-M1 700/850/1700/1900/2100 MHz	
Environment		
Operating Temperature	32°F to 120°F	0°C to 49°C
Relative humidity:	1% to 85% Non-condensing	
Physical		
Dimensions	3.54" L x 2.48" W x 1.26" D	90 mm L x 63 mm W x 32 mm D
Weight (without antenna)	2.56 oz	72.57 gm
RoHS	Yes	
Network Providers		
• AT&T, North America • Verizon, North America • Other provider in the area networks		

AGENCY LISTINGS AND APPROVALS

The listings and approvals below apply to the HW-AV-LTE-M Communicator. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Contact Honeywell for the latest listings.

- **UL Listed for UL864 Standard:** S35608 (Note: Check for UL receiver compatibility with Central Station)
- **ETL Listed for UL864 & UL1610 Standard:** 5013005
- **FCC**
- **CSFM:** 7300-1637: 0511
- **FDNY:** 2022-TMCOAP-001312-CERT
- **LAFD**

STANDARDS AND CODES

National Fire Protection Association:

- NFPA 70
- NFPA 72

ORDERING INFORMATION

- **HW-AV-LTE-M-2:** CLSS Pathway, Fire Alarm Dual Path Communicator, LTE Dual SIM, includes antenna, ETL & UL Listed HW-AV-LTE-M.
- **HW-AV-ENC:** Enclosure for the CLSS Pathway (HW-AV-LTE-M)

CUSTOMER SUPPLIED EQUIPMENT

Mobile Device for LTE Communicator configuration (either iOS or Android).

Honeywell International, Inc.
www.fire.honeywell.com

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