HW-LTE-M-EN54 CLSS PATHWAY

Connected Life Safety Services (CLSS) Dual-Path LTE Communicator

The Honeywell® CLSS Pathway is a differentiated communications platform with dual path, dual SIM supporting multiple carriers per country and integrated features powered by the CLSS Cloud.

The CLSS Pathway combines support for any panel via digital inputs with the powerful capabilities of Honeywell's CLSS Cloud. It represents the latest alarm communications technology for the industry. The CLSS Pathway allows data transmission by utilizing LTE CAT-M1 networks, serving as a bridge between the alarm system and the CLSS Cloud.

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-premises life safety system.



CLSS Pathway (HW-LTE-M-EN54)

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:

- 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
- Provide end users with multi-site asset information and event alerts

DUAL SIM SUPPORT

Equipped with dual SIM cards, the CLSS Pathway supports redundancy with each SIM supporting multiple operators per country. When first powered on, the communicator connects through the primary cellular network. If primary cellular network is not available, the device connects through the secondary cellular network.

SIMPLIFIED INSTALLATION

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

The CLSS Pathway is compatible with any control panel via digital inputs using Contact ID format. 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.

FEATURES AND BENEFITS

- Integration with CLSS enables monitoring of event transmission data from the CLSS mobile app and web portal
- Supports sole path communication leveraging redundant cell carriers (dual-SIM, each of them supporting multiple operators per country) or a dual-path cellular communication using IP as the primary path and redundant cellular carriers as the secondary path
- High reliability due to multiple transmission channels (LTE CAT-M1/LAN) and redundant servers
- Universal Panel Compatibility support of any panel via digital inputs
- Six dry contact relay inputs for event reporting from alarm panel
- Unique "M1" Network is 5G ready, providing deep signal penetration that allows operation within buildings
- Remote firmware updates
- CLSS mobile app supports push and email notifications
- Exceptional Redundancy - Dual-SIM device, each SIM supporting multiple operators per country. If one network becomes unavailable, the communicator connects to the other network
- Powered directly by a 12-29-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-LTE-M-EN54 TECHNICAL SPECIFICATIONS

Characteristics	Imperial Unit	Metric Unit
Electrical		
Supply Voltage	+12 to +29 VDC	
Power Consumption	• Standby: 50 mA • Peak: 200 mA	
Frequency	Multi-band CAT-M1 LTE 600/700/850/900/1700/1800/1900/2100 MHz GPRS 850, 900, 1800, 1900 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)	3.53 oz (without antenna)	100 gm (without antenna)
RoHS	Yes	
Network Providers		
• Dual-SIM device, each SIM supporting multiple operators per country		

AGENCY LISTINGS AND APPROVALS

The listings and approvals below apply to the HW-LTE-M-EN54 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.

STANDARDS AND CODES

The HW-LTE-M-EN54 is designed to comply with EN54-21:2006 Fire detection and fire alarm systems - Part 21: Alarm transmission and fault warning routing equipment.

APPROVALS

- EN54-21:2006 Listed

ORDERING INFORMATION

- **HW-LTE-M-EN54:** Dual-Path Communicator with universal panel compatibility. Includes antenna.

CUSTOMER SUPPLIED EQUIPMENT

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

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Honeywell® is a registered trademark of Honeywell International, Inc.

iOS® is a registered trademark of Cisco Systems Inc. licensed by Apple Inc.

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

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