

HON-CGW-MBB

Connected Life Safety System (CLSS) Gateway

The CLSS Gateway is Honeywell Fire's interface connecting to a Honeywell fire system panel or network, serving as a portal between the panel, the Cloud, central station, and peripheral devices.

The CLSS Gateway enables reading the connected device system inventory from one panel or a network of panels and transmitting this data to the CLSS Cloud. The gateway board can be connected with the CLSS Cloud, a configuration computer, a panel, a mobile device, and an external power supply. The CLSS Gateway is a key component for optimizing CLSS

For additional information refer to Global Manual LS10248-000HW-E or the Quick Start Guide 50151848-001. For UL applications, refer to Listing Document LS10248-051HW-E.

AGENCY LISTINGS AND APPROVALS

The listings and approvals below apply to the HON-CGW-MBB.

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:** S34608
- **Intertek ID:** 104270338NYM-001
- **CSFM:** 7300-1637:0504

ORDERING INFORMATION

- **HON-CGW-MBB:** CLSS Gateway with the enclosure
- **CGW-MB:** CLSS Gateway only
- **Optional Equipment:**
 - CCM-ATT-HON:** Cellular Communication Module for ATT
 - CCM-VZ-HON:** Cellular Communication Module for Verizon

FEATURES AND BENEFITS

- Connects directly to compatible Honeywell fire alarm control panels (FACPs) or panel networks
- Provides seamless integration with the CLSS CheckPoint mobile application
- Bluetooth® mobile pairing for Gateway Configuration and Control capability on Android™ and iOS® devices
- Wireless or Wired Connection from the Gateway to the CLSS Cloud
- Panel connection options include Standalone Panel, Networked Panel, and Standalone with Digital Voice Control
- Can be used for portable or permanently installed applications



- **FDNY:**
 - COA# 2020-TMCOAP-000121-AMND (NFS2-640, NFS-320)
 - COA# 2020-TMCOAP-000122-AMND (NFS2-3030)
- **STANDARDS AND CODES**
- **FCC ID:** PV3CGWMBB
- **CE Certifications meeting:**
 - EMC Directive 2014/30/EU
 - Low Voltage Directive (LVD) 2014/35/EU
 - Radio Equipment Directive 2014/53/EU

- RoHS Directive 2011/65/EU
- Safety LVD Directive 2014/35/EU
- Green Directive 2011/65/EU & (EU)2015/863
- WEEE Directive 2012/19/EU

- **Meets these additional requirements:**
 - EFGS [BRE,AFNOR/CNPP, and VdS]
 - Incert
 - SBSC
 - EMEA
 - EAC

- CCM-EU:** EUROPE LTE radio (Not available for North America)
- **Antenna and External Hardware:**
 - CELL-ANT3DB: 3dBA gain external/remote antenna
 - WA7626-CA: SNA to N Adapter
 - 7626-50HC: 50 ft. (15 m) antenna cable, low loss
 - 7626-25HC: 25 ft. (7.50 m) antenna cable, low loss

Note: The CELL-ANT3DB and the WA7626-CA are both required for installing an external antenna along with the 7626-50HC, 50 ft (15 m) antenna cable or 7626-25HC, 25 ft. (7.50 m) antenna cable.

CUSTOMER SUPPLIED EQUIPMENT

- Mobile Device for the CLSS Gateway application (either iOS or Android)

- Serves as a Fire Alarm Communicator to central station when used with optional cellular module and feature activation
- Collects system data from the connected FACP and sends it to the CLSS Cloud enabling productivity and efficiency tools and features

HON-CGW-MBB TECHNICAL SPECIFICATIONS

POWER

- **Nominal Voltage Range:** Consumes 12 to 32 VDC from the fire alarm control panel (FACP) or from an external power source.
- **Current:** The power requirement varies with the number of interfaces used.
- **Typical Current Consumption:** 0.1A at 24 VDC (with wireless connection)
- **Peak Load:** 0.25A at 24 VDC

ENVIRONMENT

- **Temperature:** 14°F to 140°F (-10°C to 60°C)
- **Relative Humidity:** 1% – 94% (non-condensing)

PHYSICAL

- **Enclosure Dimensions:** 10.25" L x 8" x 3.75" (260.03mm L x 203.2mm W x 95.25mm D)
- **Weight:** 1.6 lb (0.73 kg)

WIRELESS TRANSMITTER

- **VBAT:** 3.6V
- **Ambient Temperature:** 77°F (25° C)
- **Output power:** @module RF antenna port
- **Target power:** Meets Spectrum Mask and EVM compliance

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iOS® is a registered trademark of Cisco Systems 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.

Country of origin: China

Radio devices operating on the frequencies listed in the table below should not be installed next to each other.

Wireless Power Specifications

2.4 GHz TX Power Specifications							
IEEE 802.11	Mod	Rate	BW (MHz)	Channel	Spec (TYP)	Units	Tol. (dB)
11b	CCK, DSSS	1-11 Mbps	20	1-13	17.5	dBm	±2.0
11g	OFDM	6-54 Mbps	20	1-13	15	dBm	±2.0
11n	OFDM	MCS 0-7	20	1-13	15	dBm	±2.0
11ac	OFDM	MCS 0-8	20	1-13	14	dBm	±2.0
5 GHz TX Power Specifications							
11a	OFDM	6-54 Mbps	20	36-48 52-64 100-144	15	dBm	±2.0
11n	OFDM	MCS 0-7	20	36-48 52-64 100-144	15	dBm	±2.0
11n	OFDM	MCS 0-7	40	36-48 52-64 100-144	15	dBm	±2.0
11ac	OFDM	MCS 0-8	20	36-48 52-64 100-144	14	dBm	±2.0
11ac	OFDM	MCS 0-8	40	36-48 52-64 100-144	13	dBm	±2.0
11ac	OFDM	MCS 0-9	80	36-48 52-64 100-144	12	dBm	±2.0