

# HON-CGW-MBB

## 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, 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 Connected Life Safety Services (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 functionality.

The CLSS Gateway can also be used as a Fire Alarm Communicator to central station when used with the optional cellular module and feature activation.



### STANDARDS AND CODES

- **FCC ID:** PV3CGWMBB
- **Intertek ID:** 104270338NYM-001
- **CE Certification meeting:**
  - EMC Directive 2014/30/EU
  - Low Voltage Directive (LVD) 2014/35/EU
  - Radio Equipment Directive 2014/53/EU
  - RoHS Directive 2011/65/EU
- WEEE Directive 2012/19/EU
- **Meets these additional requirements:**
  - EFGS [BRE,AFNOR/CNPP, and VdS]
  - Incert
  - SBSC
  - EMEA
  - EAC

### ORDERING INFORMATION

- **HON-CGW-MBB:** CLSS Gateway (includes the enclosure)
  - **Optional Equipment:**
    - CCM-ATT-HON:** Cellular Communication Module for ATT
    - CCM-VZ-HON:** Cellular Communication Module for Verizon
    - 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. antenna cable, low loss
    - 7626-25HC: 25 ft. antenna cable, low loss
  - **Add-ons Activated through CLSS Site Manager:**
    - BACNET Gateway Activation
    - MODBUS Gateway Activation
    - NFN Gateway Activation
    - Connected Gateway Activation
- ternal antenna along with the 7262-50HC, 50 ft antenna cable or 7262-25HC, 25 ft antenna cable.
- Note:** The CELL-ANT3DB and the WA7626-CA are both required for installing an ex-

### CUSTOMER SUPPLIED EQUIPMENT

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

### FEATURES AND BENEFITS

- Connects directly to Honeywell Fire Alarm Control Panels or a network of FACPs
- Easy connection between the Gateway and CLSS CheckPoint mobile application
- Bluetooth® mobile pairing for Gateway Configuration and Control capability
- Panel connection options include Standalone Panel, Networked Panel, and Standalone with Digital Voice Control
- Wireless or Wired Connection from the Gateway to the CLSS Cloud
- Serves as a Fire Alarm Communicator to central station when used with optional cellular module and feature activation
- The FACP connected to the Gateway (the master panel) collects system data and sends it to the Cloud via the Gateway
- Can be used for portable or permanently installed applications

# HON-CGW-MBB TECHNICAL SPECIFICATIONS

## POWER

- **Nominal Voltage Range:** Consumes 12V to 32V DC 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 24V (with wireless connection)
- **Peak Load:** 0.25A at 24V

## 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

## 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.

**ETL:** 104270338NYM-001

**CSFM:** 7300-1637:0504

**FDNY:**

COA# 2020-TMCOAP-000121-AMND (NFS2-640, NFS-320)

COA# 2020-TMCOAP-000122-AMND (NFS2-3030)

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

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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

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