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:**
  - EFSG [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

  Note: The CELL-ANT3DB and the WA7626-CA are both required for installing an external antenna along with the 7262-50HC, 50 ft antenna cable or 7262-25HC, 25 ft antenna cable.

- **Add-ons Activated through CLSS Site Manager:**
  - BACNET Gateway Activation
  - MODBUS Gateway Activation
  - NFN Gateway Activation
  - Connected Gateway Activation

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

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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)

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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

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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