

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 be used for temporary or permanent installation.



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

ORDERING INFORMATION

- **HON-CGW-MBB:** CLSS Gateway (includes the enclosure)
- **Panel-specific hardware kit (sold separately):** includes lock, keys, and NUP cable
- **Optional Equipment (Available Soon):**
 - 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)
- **Add-ons Activated through CLSS Site Manager (Available Soon):**
 - BACNET Gateway Activation
 - MODBUS Gateway Activation
 - NFN Gateway Activation
 - CENTRAL STATION 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 FACP's
- 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 Command
- Wireless or wired connection from the gateway to the CLSS cloud
- Can be used for portable or permanently installed applications
- The panel to which the gateway connects acts as the master panel, collecting data from all its devices, and sending the collected data to the gateway which sends the data to the cloud

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" (26.03cm L x 20.32cm W x 9.53cm 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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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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