

BACNET FEATURE - CLSS GATEWAY

Connected Life Safety Services (CLSS) Gateway Feature for BACnet™
Protocol Network Communication

The BACnet Feature - CLSS Gateway (HON-CGW-MBB) provides a communication link between networks that use the BACnet/IP communication protocol and the Honeywell® Fire System.

The CLSS BACnet Feature provides an interface between the Honeywell Fire System and a network using the BACnet/IP communication protocol. BACnet protocol is an American National Standard (ANSI/ASHRAE 135-2012).

With the CLSS BACnet Feature, devices on fire alarm control panels are represented as BACnet objects to the BACnet client.

The CLSS BACnet Feature can support up to 16 nodes with a maximum combined object count of 15,000 (object count includes all detectors, monitor modules, notification appliance circuits, etc.). Multiple CLSS Gateways can be used to interface with larger networks.

The CLSS BACnet Feature is designed to require very little configuration; no separate configuration utility is required. In most applications, you only need to enter the TCP/IP network settings and the nodes to be monitored. The CLSS BACnet Feature automatically maps all the configured points.

For additional information on the CLSS Gateway, refer to the HON-CGW-MBB datasheet (HON-62124), user manual (LS10248-000HW-E), or Quick Start Guide (50151848-001).



CLSS Gateway with Enclosure

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 (available in select markets)
- Provide end users with multi-site asset information and event alerts

FEATURES AND BENEFITS

- Monitors up to 16 nodes (not including the CLSS Gateway node itself) with 15,000 maximum combined object count per node
- Multiple CLSS Gateways can be used for large networks.
- Provides a built-in configuration tool for simple browser configuration.
- Behaves as a foreign device when communicating with a third-party BACnet Broadcast Management Device (BBMD)
- Designed to be compatible with standard BACnet clients/devices
- Web-based software and smartphone app for CLSS BACnet Feature configuration and administration
- Reduces configuration time by auto-discovering and mapping

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CLSS BACNET FEATURE TECHNICAL SPECIFICATIONS

SPECIFICATIONS

Refer to the specifications for the HON-CGW-MBB on datasheet HON-62124.

SYSTEM ARCHITECTURE & REQUIREMENTS

An Internet or Intranet IP network connection is required to configure the BACnet Feature, and to connect it with BACnet clients. The Internet or Intranet IP network connection must meet the following requirements:

- Private or Business LAN
- Static IP address
- Standard 100Base-T connection
- BACnet Standard Ports

REQUIRED EQUIPMENT

- HON-CGW-MBB CLSS Gateway

NETWORK COMPONENTS

- RJ45 to RJ45 standard Ethernet network cable—customer's Internet or intranet connection to the CLSS Gateway

AGENCY LISTINGS AND APPROVALS

These listings and approvals apply to the products specified in this document. In some cases, certain products or applications may not be listed by certain approval agencies, or listing may be in process. Contact Honeywell for latest listing/approval status.

For listings and approvals for the HON-CGW-MBB, refer to datasheet HON-62124.

STANDARDS

The CLSS BACnet Feature is designed to comply with the following standard:

- BACnet Standard Annex J for IP and Support Device Objects, Binary Output Objects, Life Safety Points/ Zones, and Multi-State Inputs

DIRECTIVES

The CLSS Gateway (HON-CGW-MBB) conforms to the following European Community Directives:

- 2014/53/EU - Radio Equipment Directive
- 2014/30/EU - Electro Magnetic Compatibility (EMC) Directive
- 2014/35/EU - Low Voltage Directive (LVD)
- 2011/65/EU & (EU) 2015/863 - RoHS Directive
- 2012/19/EU - WEEE Directive

PIC STATEMENT

Contact Honeywell for the BACnet Protocol Implementation Conformance (PIC) statement.

ORDERING INFORMATION

- **HON-CGW-MBB:** CLSS Gateway with Enclosure
- **BACNET Feature** can be purchased through the CLSS portal

CUSTOMER SUPPLIED EQUIPMENT

- Windows 10 Professional
- Google Chrome™ Browser
- JAVA® version higher than version 6

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

Google Chrome™ is a trademark of Google LLC.

JAVA® is a registered trademark of Oracle America, Inc.

BACnet™ is a trademark of ASHRAE.

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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FUTURE
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WHAT
WE
MAKE IT

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