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 Designed to meet Additional National Requirements: EFG [BRE, AFNOR/CNPP, VDS], Incert, SBSC, EMEA, EAC

Electro Magnetic Compatibility (EMC) directive	2014/30/EU
Low voltage directive (LVD)	2014/35/EU
Radio Equipment Directive (RED)	2014/53/EU
Restrictions on Hazardous Substances (ROHS) Directive	2011/65/EU
WEEE Directive	2012/19/EU

FCC ID: PV3CGWMB
 This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received, including, an interference that may cause undesired operation.

IC ID: 1609A-CGWMB
Intertek ID: 104270338NVM-001

Support documentation can be found at:
<http://fire.honeywell.com>

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Honeywell
Honeywell Connected Life Safety Services

CLSS Gateway/CheckPoint Hub
Quick Installation Guide



CLSS Gateway/CheckPoint Hub is an intelligent gateway, which enables system maintenance providers and users to remotely monitor and manage fire detection systems. The gateway can be:

- A *fixed gateway*: Offers a permanent connection between a single fire detection system and its Cloud
- A *portable gateway*: Offers needs-based synchronization of many fire detection systems and their Cloud

This guide covers the basic installation and initial setup of the gateway.

Supporting Documents

- CLSS Gateway/CheckPoint Hub Installation and User's Manual (LS10237-000NF-E)
- Installation documents of your panel

Before Installing This Gateway

- Read the instructions and markings carefully. Failure to follow them could damage the product or cause a hazardous condition.
- The service technician installing this gateway must be trained and experienced in this activity.
- Ensure that the wiring complies with all the applicable codes and regulations.
- Take necessary precautions before working with the electrical equipment.

Disclaimer
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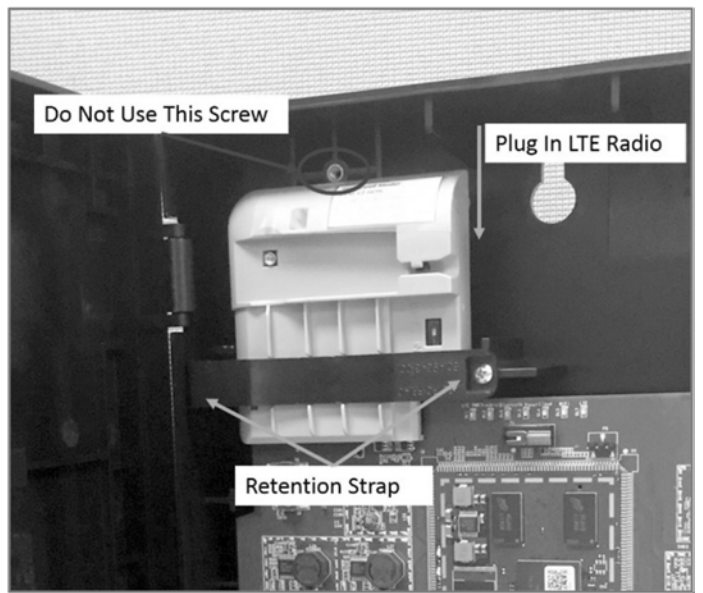
Supported Fire Alarm Control Panels

The gateway operates with following Honeywell fire alarm control panels:

Notifier Models	Gent Models
NFS-320	COMPACT-24-N
NFS2-640	COMPACT-PLUS
NFS2-3030	VIG1-24
	VIG1-72
	VIGPLUS-24
	VIGPLUS-72

WARNING

- Failure to use the retention strap may adversely affect the antenna performance.
- Do not use the screw on the top edge of the LTE communicator. It will adversely affect the radio performance. Refer to the *Do Not Use This Screw* instruction shown on the image below.



Panel-Side Connections

To know about the panel-side connection steps, refer to the installation document of the respective panel.

Gateway Connections

The user installing the gateway, connects and configures a *fixed gateway* or a *portable gateway*.

The gateway's connections include: a power source, a wireless network, a mobile network, a Cloud network, and a panel's network.

Note: To know more about the connection steps, refer to the *CLSS Gateway/CheckPoint Hub Installation and User's Manual*.

Installing an LTE Communicator

The LTE communicator enables the gateway to transmit alarm, supervision, and system test messages. If it is required, you can plug in the LTE communicator device.

Prerequisites

- Ensure that the SIM card in the LTE device is from a service provider, which operates in your region.
- In a low LTE signal area, using an external antenna may boost the signals.

Note: To know more, refer to the *CLSS Gateway/CheckPoint Hub Installation and User's Manual*.

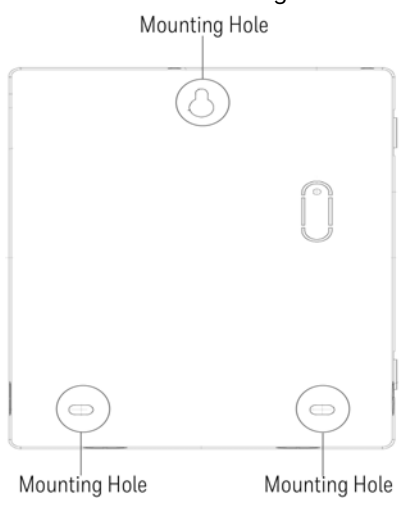
- Step 1. Switch OFF the gateway and open its door.
- Step 2. On the top edge of the gateway, plug the LTE communicator onto the 40-pin expansion slot.
Refer to the *Plug in LTE Radio* movement shown on the image at page 06.
- Step 3. Secure the LTE communicator with the retention strap and a screw.
Refer to the *Retention Strap* shown on the image at page 06.

Mounting a Fixed Gateway

Distance between the gateway and the panel depends upon the length of connecting cables. The maximum distance between them should be 0.9144 meter (36 inches).

Note Below steps are not applicable to the portable gateway.

- Step 1. Using the Allen key, open the door.
- Step 2. At the right-side edge of the door, punch out a hole for the screw lock.
- Step 3. Hold and level the backbox on the wall, mark the hole locations, remove the backbox, and drill the holes.
- Step 4. Insert the top mounting screw into the top hole, and hang the enclosure.
- Step 5. Insert the bottom screws and tighten them.



Site Visit Preparations

Ensure the following:

- The customer, site, and buildings are already configured in *Honeywell Connected Life Safety Services*.
- Credentials for the installation user visiting the site are created.

! Install the CLSS Gateway/CheckPoint Hub in accordance with the National Fire Protection Association Installation Standard NFPA 72.

Environmental specifications

Temperature: -10°C to 60°C (14°F to 140°F)

Relative Humidity: 1% to 94% Non-condensing

An installation environment with a normal room temperature of 15° C to 27° C (60 to 80° F) is recommended.

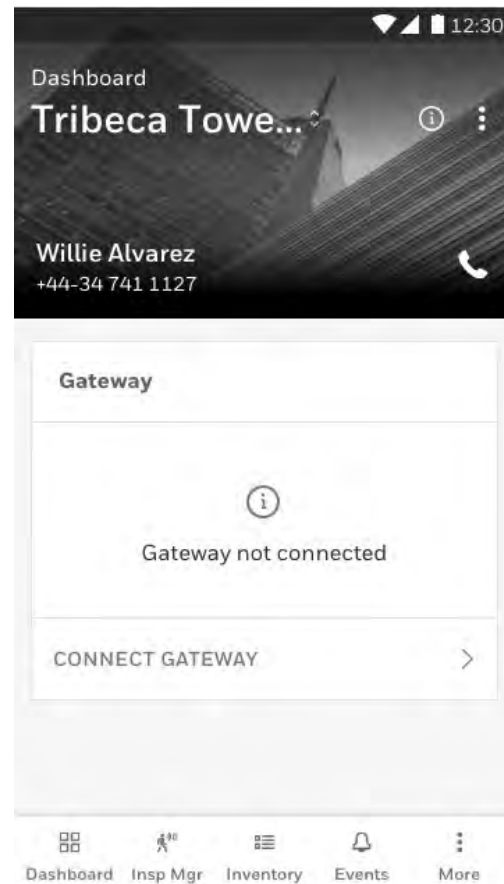
Operational specifications

Power Supply: 12V to 32V | 24VDC from the power source

Typical current consumption: 90mA @ 24V (With wireless connection)

Peak Load: 0.25A @24 V

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Step 6. Tap **Gateway Configuration**.

Step 7. Follow the on-screen instructions for mobile connectivity.

Note: Based on the gateway you are configuring, select either Portable Gateway or Fixed Gateway.

Step 8. Wait for the app to connect with the gateway, the fire alarm panel, Internet, and Cloud.

The app notifies about the configuration completion.

Step 9. On the dashboard, from the **All Customers** option, find the required *customer > site*.

Step 10. Tap on the specific building.

Step 11. To commission the gateway, tap on **CONNECT GATEWAY** and follow the on-screen instructions.

Note: In the Connected Life Safety Services app, the option to enable the control functionality is available for a duration. This duration can be changed in the app. The duration is: 60 minutes to 10 hours.

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Gateway Configurations

The mobile app, *Connected Life Safety Services* (CLSS), enables gateway configurations and commissioning.

Note: For more details of the configuration procedure or LED indicators, refer to the CLSS Gateway/CheckPoint Hub Installation and User's Manual.

Step 1. In the mobile, from Play Store or App Store, download the *Connected Life Safety Services* app.

Step 2. Install the app.

Step 3. From the Honeywell on-boarding email, take the login credentials.

Step 4. On the mobile, log into the CLSS app.

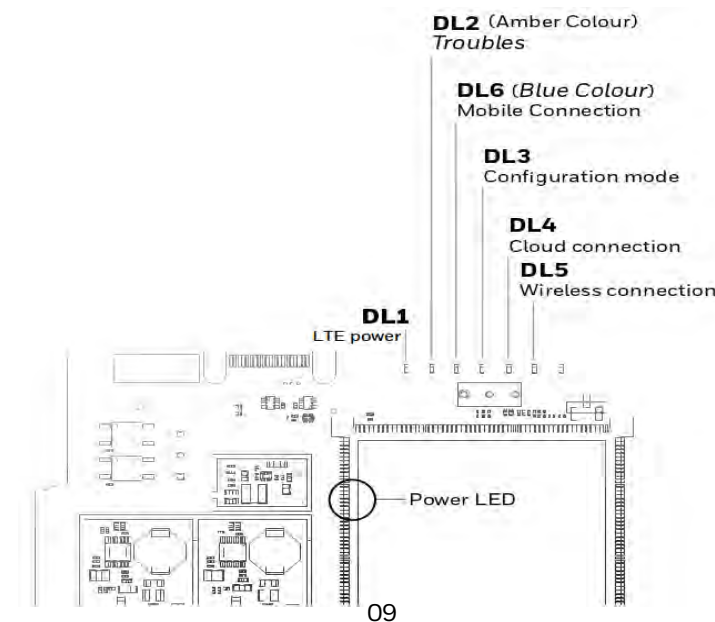
Step 5. On the app's dashboard, at the right bottom, tap the **More** icon.

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Verifying the Connections

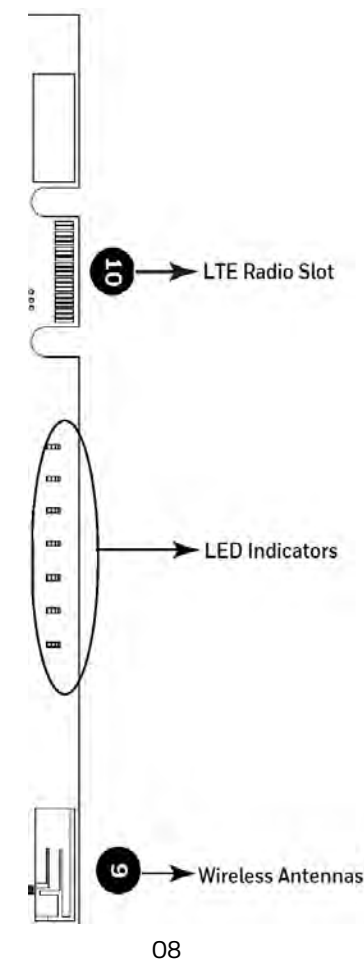
Two minutes after connecting the power source and powering the gateway ON, check the below LED indicators:

- **Power LED - ON** - The gateway board is receiving Power
- **DL1 - ON** - Successful LTE connection
- **DL2 - OFF** - There are no Troubles
- **DL6 - Flashes per 0.2 second** - Successful mobile connection
- **DL3 - ON** - The gateway is in the Configuration mode
- **DL4 - Flashes per second** - Successful Cloud connection
- **DL5 - Flashing** - The wireless connection is available



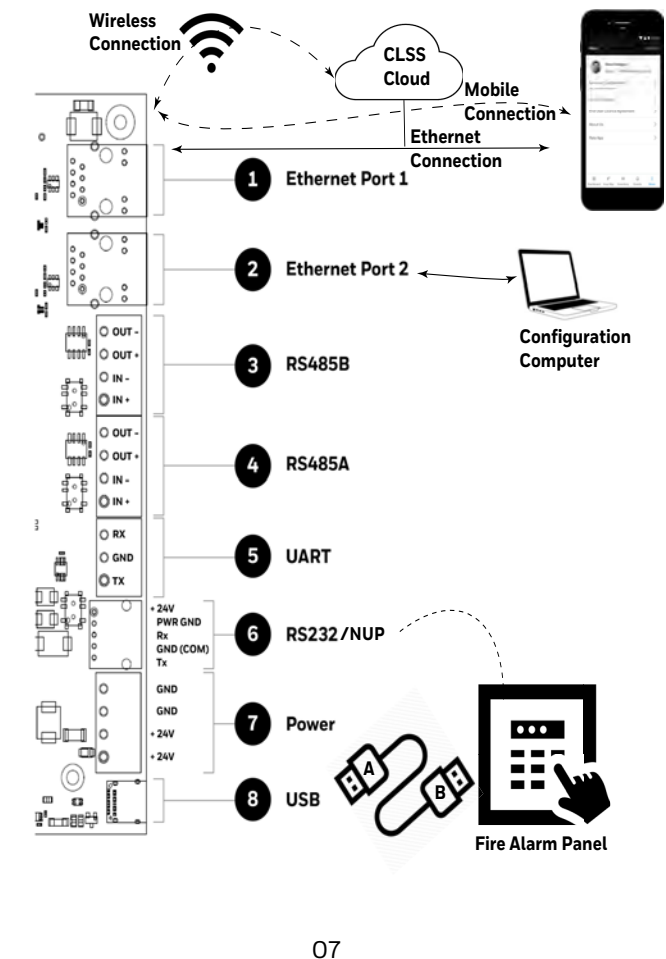
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Connections Illustrated (Contd...)



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Connections Illustrated



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