

Connecting the Gas Detector to HCH

1. Turn on the Honeywell Central Hub (HCH).
2. Connect the HCH and laptop or PC by a network cable.
3. Open Microsoft Edge browser and input the login URL, user name and password on product label.
 - Login: <https://169.254.100.1>
 - User Name: hch300admin
 - Password: Hon123%&
4. Set PAN ID and Channel on HCH on the tab "RF Configuration".
5. The Gas Detector should be set to the same PAN ID and Channel. You can find the gas detectors on the tab "Device Information"
6. Use one of the three available uplink approaches (Ethernet, Wi-Fi, or LTE) if you want to connect to Honeywell Safety Suite

For more operation details see the HCH User Manual.

Specifications

Dimensions	129x 45 x 193mm
Weight	950g (instrument) 1700g (with accessories and package)
Voltage	DC12~24V/0.5A
USB-C	USB port, slave mode, Power Input port, DC5V2A
Antennas	GPS, LTE-D, LTE-M, Wi-Fi 2.4GHz

QRG PN: 3008-5854-001
ENGLISH, Revision A
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What's in the Box

• 1 HCH300 instrument.	• 1 LoRa antenna.
• 1 LTE antenna.	• 1 Wi-Fi antenna.
• 1 network cable for configuration.	• 1 power adapter.
• 1 copy of QRG manual.	• Mounting bracket DIN.



Proper Product Disposal At End Of Life

The Waste Electrical and Electronic Equipment (WEEE) directive (2012/19/EU) is intended to promote recycling of electrical and electronic equipment and their components at end of life. This symbol (crossed/out wheeled bin) indicates separate collection of waste electrical and electronic equipment in the EU countries. This product may contain one or more Nickel-metal hydride (NiMH), Lithium/ion, or Alkaline batteries. Batteries must be recycled or disposed of properly.

At the end of its life, this product must undergo separate collection and recycling from general or household waste. Please use the return and collection system available in your country for the disposal of this product.

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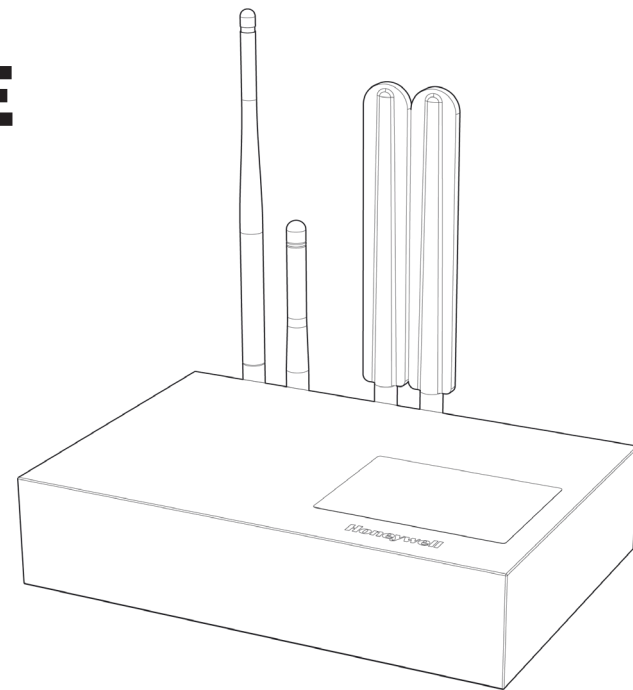


Manuals and other information about this product are available at: <https://sps.honeywell.com>

QUICK REFERENCE GUIDE

Honeywell Central Hub Wireless Gas Monitor Connector

Honeywell



The Honeywell Central Hub connects wireless gas monitors to Honeywell's Safety Suite for real-time data insight and management. Each Honeywell Central Hub can wirelessly communicate with up to 64 remote monitors directly. The Honeywell Central Hub can connect to Honeywell Safety Suite via Ethernet, Wi-Fi, or 4G LTE. Honeywell Safety Suite supports higher capacity of 500 monitors when integrated within a plant-wide deployment. Safety Suite provides an integrated 'One Data Platform Strategy' to Honeywell customers. The whole application covers from web-end system to mobile apps. They jointly build up a rapid channel for managers to respond to an accident on site rapidly, based on real time data collected.

The Central Hub can be powered by 12 to 28 volts DC or powered by USB (5V2A) input.

Safety



WARNING

- HCH300 is designed for indoor application. Do not use it outdoors without appropriate protection.



CAUTION

- Use specified AC/DC adaptor to supply power to the HCH300 device.
- Identify LoRa/Wi-Fi/LTE/GPS antenna by their marks and connect the cable to the corresponding port.

Standards and Certifications

CE SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, Honeywell Safety and Productivity Solutions declare that the radio equipment type Honeywell Central Hub is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://sps.honeywell.com/>

FCC 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, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

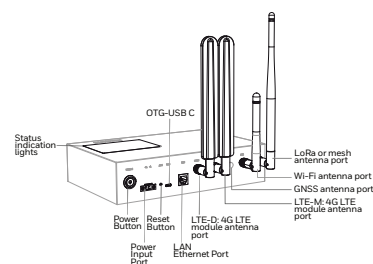
UK CA SIMPLIFIED UK DECLARATION OF CONFORMITY

Hereby, Honeywell Safety and Productivity Solutions declare that the radio equipment type Honeywell Central Hub is in compliance with UK radio equipment regulation. The full text of the UK declaration of conformity is available at the following internet address: <https://sps.honeywell.com/>

Environmental Compliance

ROHS

Overview



LED Color Codes

PWR	Power indication LED, ON/OFF
RF	LoRa or Mesh LED. Normal ON, Blink when communication
LAN	Ethernet LED. Normal ON if used, Blink when communication
Wi-Fi	Wi-Fi LED. Normal ON if used, Blink when communication
LTE	LTE LED. Normal ON if used, Blink when communication
Fault	Normal OFF, ON when LTE/Wi-Fi/WAN is abnormal

*Note: See the user manual for more details

Power ON

Plug into a V+/V- port using the AC/DC adaptor and turn on the device by pressing the power button.

Mount the Device

There are two types of mounting options:

- Wall mount. (DIN rail and screw holes options available)
- Desk application.

Steps:

1. Install SIM card for LTE cellular network if required.
2. Install DIN rail if required.
3. Install the antennas:

There are LoRa/LTE/Wi-Fi antennas in package box. Find the LoRa antenna marked 'LORA', connect to RF connector on instrument; Connect 'LTE' marked antenna to LTE-M connector and 'WIFI' marked antenna to WiFi connector.

4. Connect the power adaptor connector to V+/V- and screw tightly

