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In the UK and EU member states, operation of 5150-5350 MHz is restricted to indoor use only.



For Certification, Warranty and RMA information, please visit www.grandstream.com



GWN7661E

In-Wall AX3000 Wi-Fi 6 Access Point

Quick Installation Guide

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OVERVIEW

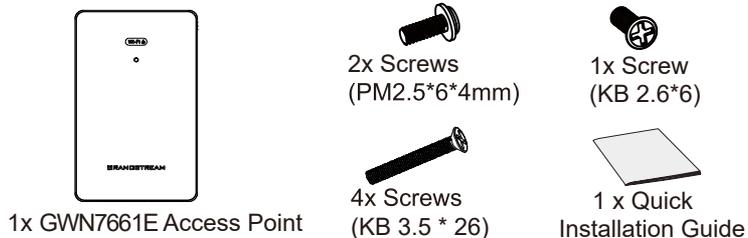
The GWN7661E is an in-wall AX3000 Wi-Fi 6 access point designed for business, offices, hospitality, residence halls, other multi-dwelling locations and more. It offers dual-band 2.4G 2x2:2 and 5G 3x3:2 MU-MIMO technology as well as a sophisticated antenna design for up to 3 Gbps wireless throughput and an expanded 100-meter coverage range. The GWN7661E provides three Gigabit network ports to provide IP phones, IPTV, computers and similar devices with Ethernet while also providing an uplink Gigabit network port with PoE/PoE+. It supports the access of wired terminals and also meet wireless coverage requirements. As an in-wall access point, it provides a clean and professional installation that blends into the surrounding environment. To ensure easy installation and management, the GWN7661E includes a built-in controller embedded within the product's web user interface. The GWN7661E is also supported by GWN.Cloud (Now integrated with GDMS) and GWN Manager, Grandstream's free cloud and on-premise Wi-Fi management platform.

It is the ideal Wi-Fi AP for voice-over-Wi-Fi deployments and offers a seamless connection with Grandstream's Wi-Fi capable IP phones. With support for advanced QoS, low-latency real-time applications, mesh networks, captive portals and 256 concurrent clients per AP.

PRECAUTIONS

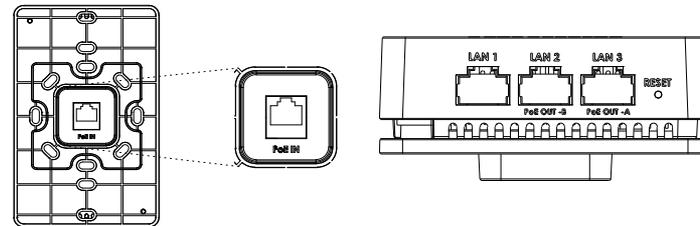
- Do not attempt to open, disassemble, or modify the device.
- Do not expose this device to temperatures outside range of 0 °C to 45 °C for operating and -30 °C to 60 °C for storage.
- Do not expose the GWN7661E to environments outside of the following humidity range: 5-95% RH (non-condensing).
- Do not power cycle your GWN7661E during system boot up or firmware upgrade. You may corrupt firmware images and cause the unit to malfunction.

PACKAGE CONTENTS



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GWN7661E PORTS



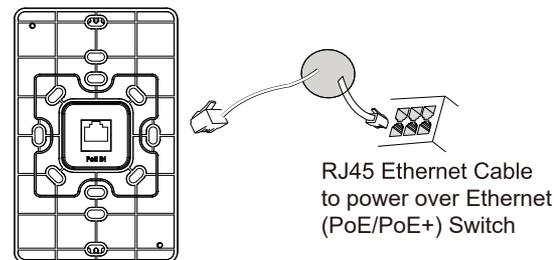
Port	Description
PoE IN	Ethernet RJ45 port (10/100/1000Mbps) supporting PoE/PoE+.
LAN 1	1x 10/100/1000Mbps Ethernet port.
LAN 2 LAN 3	2x 10/100/1000Mbps Ethernet ports with PSE. Notes: <ul style="list-style-type: none"> The maximum output of all PSE ports is 12W. Only if powered by PoE+, both LAN 2(PoE OUT -B) and LAN 3(PoE OUT -A) can be used as PSE. If powered by PoE, PSE is not supported
RESET	Factory reset pinhole. Press for 7 seconds to reset factory default settings.

POWERING AND CONNECTING THE GWN7661E

GWN7661E can only be powered on using PoE/PoE+ switch using following steps:

Step 1: Plug a RJ45 Ethernet cable into the PoE IN network port of GWN7661E.

Step 2: Plug the other end into the uplink port of the power over Ethernet (PoE/PoE+) switch.



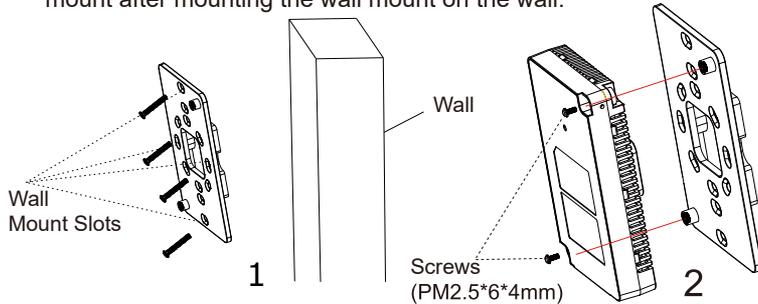
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HARDWARE INSTALLATION

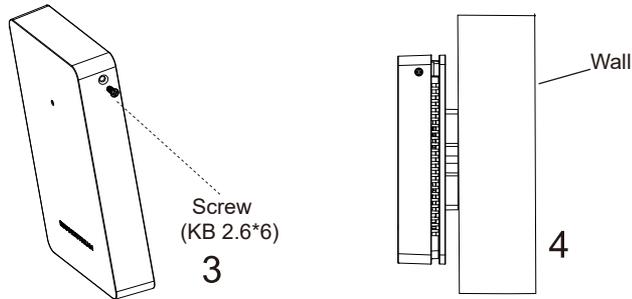
GWN7661E can be mounted on the wall, Please refer to the following steps for the appropriate installation.

Wall Mount

1. Use a measuring tape to measure the distance between the four wall mount slots on the back of the GWN7661E access point and use a pencil to mark the mounting screw holes on the wall.
2. Drill the holes in the spots that you have marked, then attach the wall mount to the wall via the wall mount slots.
3. Use the black screws to mount the GWN7661E main body on the wall mount after mounting the wall mount on the wall.



4. Attach the front cover with the GWN7661E body and then the grey screw on the side.



CONNECT TO GWN7661E DEFAULT Wi-Fi NETWORK

GWN7661E can be used as standalone access point out of box, or after factory reset with Wi-Fi enabled by default.

After powering the GWN7661E and connecting it to the network, GWN7661E will broadcast a default SSID based on its MAC address **GWN[MAC's last 6 digits]** and a random password.

Note: GWN7661E's default SSID and password information are printed on the MAC tag of the unit.



ACCESSING THE CONFIGURATION INTERFACE

A computer connected to the GWN7661E's SSID, or to the same network as the GWN7661E can discover and access its configuration interface using one of the below methods:

Method 1: Discover GWN7661E using its MAC Address

1. Locate the MAC address on the MAC tag of the unit, which is on the underside of the device, or on the package.
2. From a computer connected to same network as the GWN7661E, type in following address using GWN7661E's MAC address on your browser **https://gwn_<mac>.local**

Example: If a GWN7661E has the MAC address C0:74:AD:8C:AD:F8, this unit can be accessed by typing **https://gwn_c074ad8c4df8.local** on the browser.

Method 2: Discover GWN7661E using GWN Discovery Tool

1. Download and install **GWN Discovery Tool** from the following link: <https://www.grandstream.com/tools/GWNDiscoveryTool.zip>
2. Open the GWN DiscoveryTool, and click on **Scan**.
3. The tool will discover all GWN76XX Access Points connected on the network showing their MAC and IP addresses.

4. Click on **Manage Device** to be redirected directly to the GWN7661E's configuration interface, or type in manually the displayed IP address on your browser.
5. Enter username and password to login. (The default administrator username is "admin" and the default random password can be found at the sticker on the GWN7661E).



Notes:

- Make sure that the GWN7661E is not already paired with another GWN76xx Access Point as slave, GWN70xx Router Series or GWN. Cloud, otherwise the configuration interface cannot be accessed
- If the GWN7661E is already paired, make sure to unpair it first, or do a factory reset.
- It is customer's responsibility to ensure compliance with local regulations for frequency bands, transmit power and others.
- To manage GWN7661E over cloud, please refer to <https://www.gwn.cloud>.

The GNU GPL license terms are incorporated into the device firmware and can be accessed via the Web user interface of the device at `my_device_ip/gpl_license`. It can also be accessed here:

<https://www.grandstream.com/legal/open-source-software>

To obtain a CD with GPL source code information please submit a written request to info@grandstream.com

Refer to online documents and FAQ for more detailed information:
<https://www.grandstream.com/our-products>