



GRANDSTREAM GWN7624 In-Wall Access Point User Guide

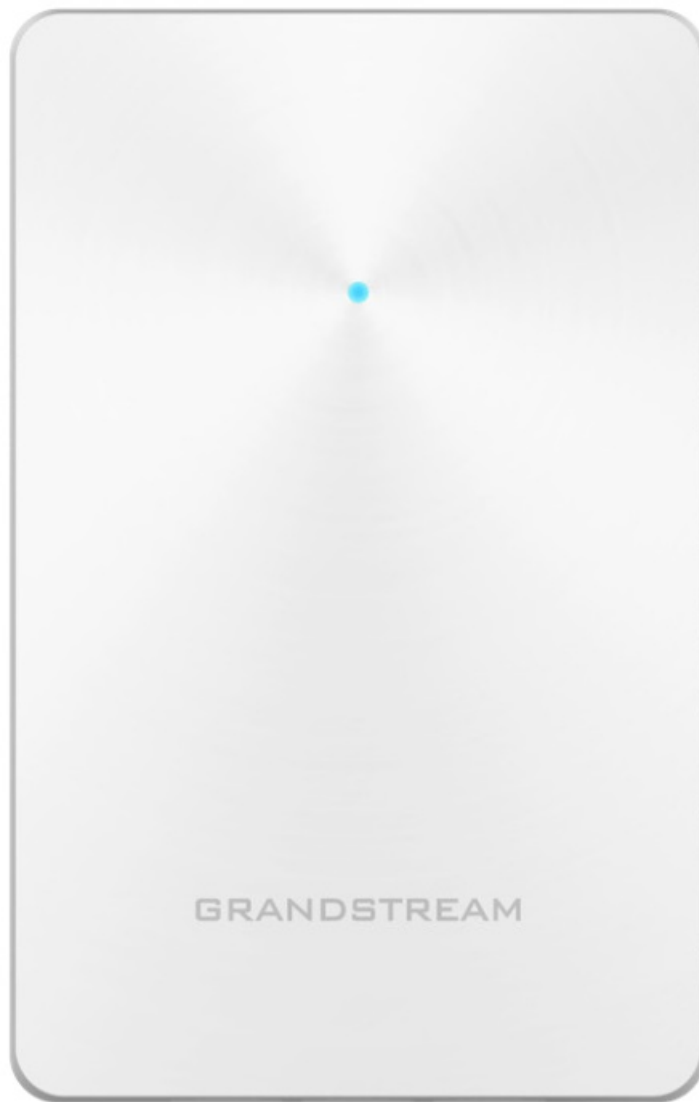
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GRANDSTREAM

CONNECTING THE WORLD

User Guide



**GWN7624
In-Wall Access Point
Quick Installation Guide**

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GWN7624 In-Wall Access Point

OVERVIEW

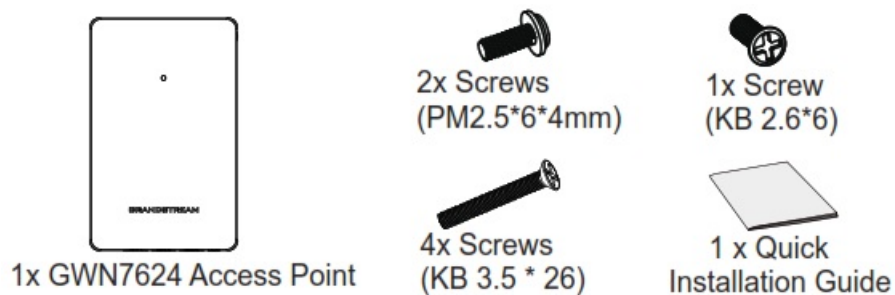
The GWN7624 is an in-wall Wi-Fi access point designed for small-to-medium-sized businesses, offices, residential, commercial locations, hotels, and more. It provides three Gigabit network ports to provide IP phones, IPTV, computers, and similar devices with Ethernet while also providing an uplink Gigabit network port with PoE/PoE+. The GWN7624 offers 4x4:4 MU-MIMO technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range. To ensure easy installation and management, the GWN7624 uses a controller-less distributed network management design in which the controller is embedded

within the product's web user interface. The GWN7624 is also supported by GWN. Cloud 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 200 concurrent clients per AP, the GWN7624 is an ideal Wi-Fi access point for medium wireless network deployments with medium user density.

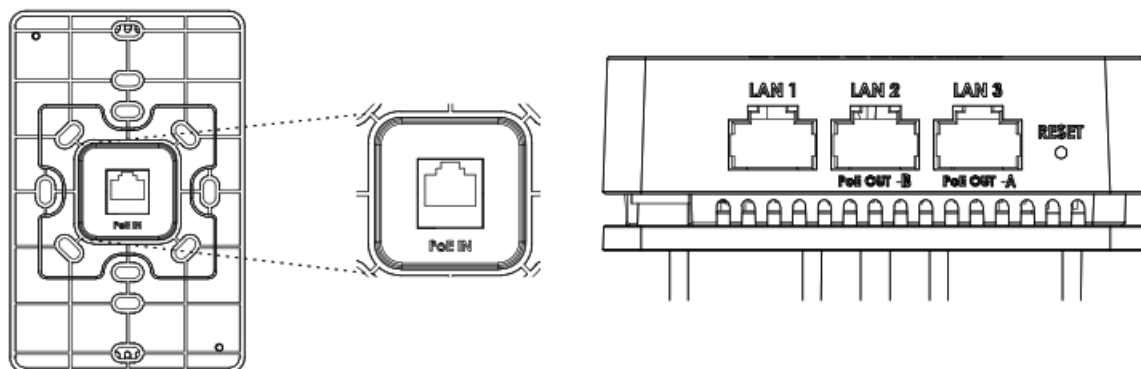
PRECAUTIONS

- Do not attempt to open, disassemble, or modify the device.
- Do not expose this device to temperatures outside the range of -10 °C to 50 °C for operating and -30 °C to 60 °C for storage.
- Do not expose the GWN7624 to environments outside of the following humidity range: 5-95% RH (non-condensing).
- Do not power cycle your GWN7624 during system boot-up or firmware upgrade. You may corrupt firmware images and cause the unit to malfunction.

PACKAGE CONTENTS



GWN7624 PORTS



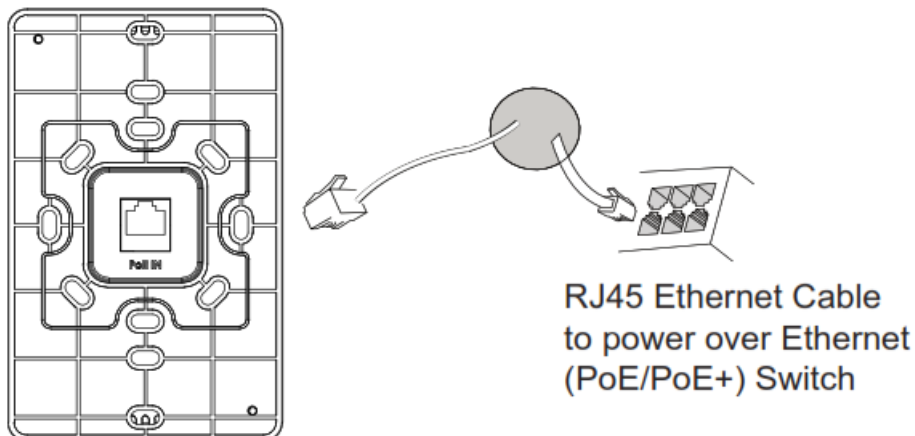
Port	Description
PoE IN	Ethernet RJ45 port (10/100/1000Mbps) supporting PoE/PoE+.
LAN 1	1x 10/100/1000Mbps Ethernet port.
LAN 2 LAN 3	2x 10/100/1000Mbps Ethernet ports with PSE. Notes: <ul style="list-style-type: none"> The maximum output of each PSE port is 6W. If powered by PoE+, both LAN 2(PoE OUT -B) and LAN 3(PoE OUT -A) can be used as PSE. If powered by PoE, only LAN 3(PoE OUT -A) can be used as PSE.
RESET	Factory reset pinhole. Press for 7 seconds to reset the factory default settings.

POWERING AND CONNECTING THE GWN7624

GWN7624 can only be powered on using PoE/PoE+ switch using the following steps:

Step 1: Plug an RJ45 Ethernet cable into the PoE IN network port of GWN7624.

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

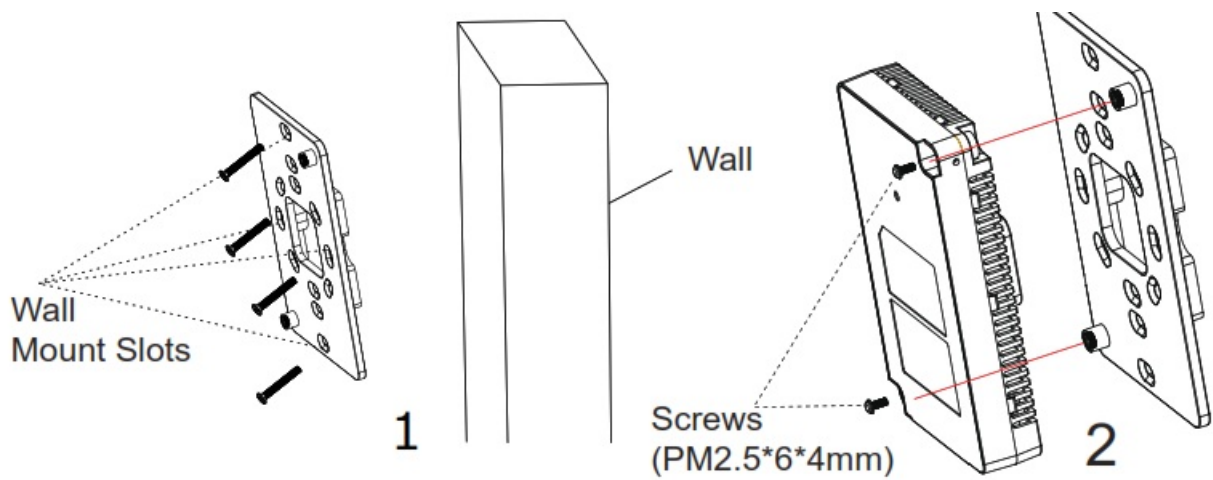


HARDWARE INSTALLATION

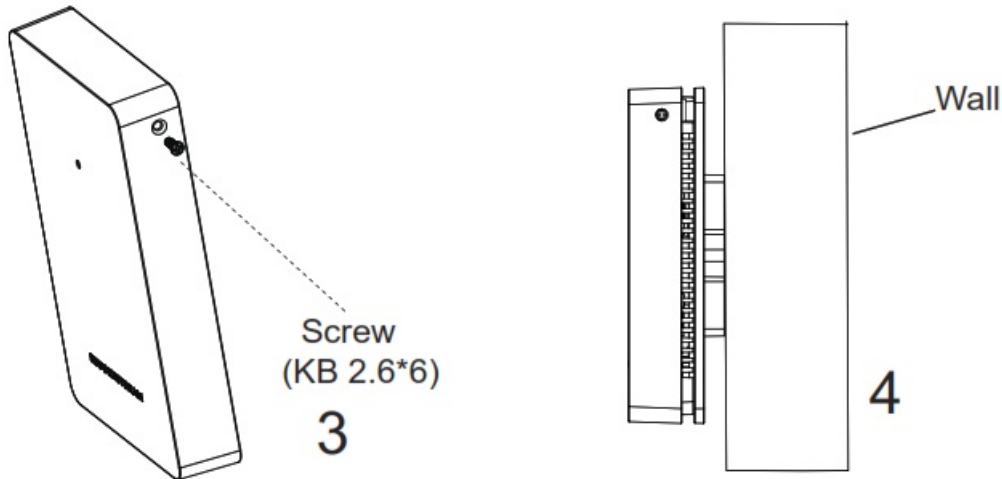
GWN7624 can be mounted on the wall, Please refer to the following steps for the appropriate installation.

Wall Mount

1. Use a measuring tape to measure the distance between the four wall-mount slots on the back of the GWN7624 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 GWN7624 main body on the wall mount after mounting the wall mount on the wall.



4. Attach the front cover with the GWN7624 body and then the grey screw on the side.



CONNECT TO GWN7624 DEFAULT Wi-Fi NETWORK

GWN7624 can be used as a standalone access point out of the box, or after a factory reset with Wi-Fi enabled by default.

After powering the GWN7624 and connecting it to the network, GWN7624 will broadcast a default SSID based on its MAC address **GWN[MAC's last 6 digits]**, and a random password.

Note: GWN7624's default SSID and password information are printed on the MAC tag of the unit.



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ACCESSING THE CONFIGURATION INTERFACE

A computer connected to the GWN7624's SSID, or to the same network as the GWN7624 can discover and access its configuration interface using one of the below methods:

Method 1: Discover GWN7624 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 the same network as the GWN7624, type in the following address using

GWN7624's MAC address on your browser https://gwn_<mac>.local Example: If a GWN7624 has the MAC address C0:74:AD:8C:4D: F8, this unit can be accessed by typing https://gwn_c074ad8c4df8.local on the browser.

Method 2: Discover GWN7624 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 GWN7624's configuration interface, or type in manually the displayed IP address on your browser.
5. Enter username and password to log in. (The default administrator username is "admin" and the default random password can be found at the sticker on the GWN7624).



Notes:

- Make sure that the GWN7624 is not already paired with another GWN76xx Access Point as a slave, GWN70xx Router Series or GWN.

Cloud, otherwise the configuration interface cannot be accessed

- If the GWN7624 is already paired, make sure to unpair it first, or do a factory reset.
- It is the customer's responsibility to ensure compliance with local regulations for frequency bands, transmit power, and others.

- To manage GWN7624 over the 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>

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ES	FR	HR	IT	CY	LV	LT	LU	CH
HU	MT	NL	AT	PL	PT	RO	SI	TR
SK	FI	SE	NO	IS	UK	UK(NI)		

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



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

Documents / Resources

	GRANDSTREAM GWN7624 In-Wall Access Point [pdf] User Guide GWN7624 In-Wall Access Point, GWN7624, In-Wall Access Point, Access Point, Point
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References

- [Open Source Software](#)
- [Global Leader in Digital Customer Experience | Concentrix \(CNXC\)](#)
- [Grandstream Networks - Networking & Unified Communications](#)
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