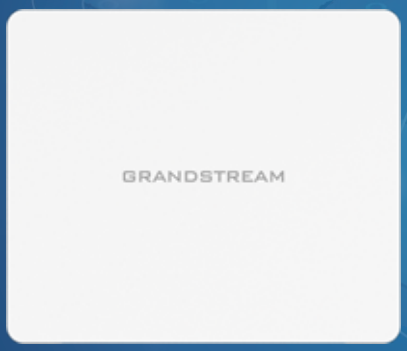
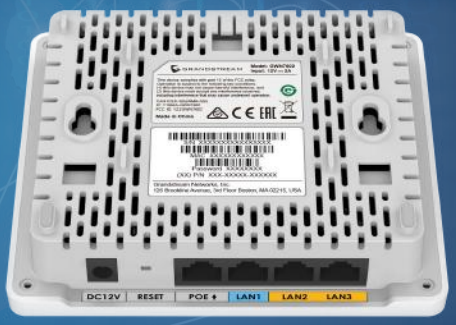
GRANDSTREAM
CONNECTING THE WORLD





Wi-Fi AP with Integrated Ethernet Switch

GWN7602

The GWN7602 is a compact Wi-Fi access point designed for small businesses, homes, offices, hotels and more. It provides three 100Mb ports to provide IP phones, IPTV, computers and similar devices with ethernet while also providing an uplink Gigabit network port with PoE/PoE+ and PSE. The GWN7602 offers dual band 2x2:2 MIMO technology and a sophisticated antenna design for ideal network throughput that supports up to 80 clients and a 100 meter coverage range. To ensure easy installation and management, the GWN7602 is supported by GWN.Cloud, Grandstream's free cloud Wi-Fi management platform. The GWN7602 is the ideal Wi-Fi AP for voice-over-Wi-Fi deployments and offers a seamless connection with Grandstream's Wi-Fi-capable voice and video IP phones. By including support for advanced QoS, low-latency real-time applications, mesh networks and captive portals, the GWN7602 is a wireless access point built for deployment scenarios with small to medium user density.

Gigabit

1.17Gbps aggregate wireless throughput, 1x Gigabit and 3x 100Mbit wireline speed

100 meters

Up to 100 meters coverage range

PoE

Self power adaptation upon auto detection of PoE/PoE+ and PSE

Anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate/random default password per device

Support up to 80 Wi-Fi client devices

QoS

Advanced QoS to ensure real-time performance of low-latency applications

Wi-Fi Standards	IEEE 802.11a/b/g/n/ac
Antennas	2 dual band internal antennas. Antenna 1 - 2.4GHz: gain 3.0dBi, 5GHz: gain 3.5dBi Antenna 2 - 2.4GHz: gain 3.5dBi, 5GHz: gain 3.0dBi
Wi-Fi Data Rates	IEEE 802.11ac: 6.5 Mbps to 867Mbps IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps IEEE 802.11n: 6.5Mbps to 300Mbps IEEE 802.11b: 1, 2, 5.5, 11Mbps IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps **Actual throughput may vary depending on many factors including environmental conditions, distance between devices, radio interference in the operating environment and mix of devices in the network*
Frequency Bands	2.4 GHz Radio: 2412 – 2484 MHz 5 GHz Radio: 5150-5250 MHz, 5250-5350 MHz, 5470-5725 MHz, 5725-5850 MHz **Not all frequency bands can be used in all regions. The band 5150-5350 MHz is restricted to indoor use only in all EU states.*
Channel Bandwidth	2.4G: 20 and 40MHz 5G: 20, 40, 80MHz
System Security	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise
Mesh	5G radio
Coverage Range	Up to 100 meters **Coverage range can vary based on environment*
Maximum TX Power	2.4G: 21 dBm 5G: 21 dBm **Maximum power varies by country, frequency band, and MCS rate*
Receiver Sensitivity	**2.4G** 802.11b:-96dBm@1Mbps,-88dBm@11Mbps;802.11g:-93dBm@6Mbps, -76dm@54Mbps; 802.11n20MHz:-92dBm@MCS0,-73dBm@MCS7;802.11n40MHz: -88.5dBm@MCS0,-71dBm@MCS7 **5G** 802.11a: -91dBm@6Mbps, -73.5dBm@54Mbps; 802.11ac:VHT20: -89.5dbm@MCS0, -71.5dBm@MCS7, -64dBm@MCS8; VHT40: -87.5dBm@MCS0; -69.5dBm@MCS7, -62dBm@MCS9, VHT80: -83.5dBm@MCS0, -65.5dBm@MCS7, -58.5dBm@MCS9
SSIDs	4 SSID per radio
Concurrent Clients	Up to 80
Network Interfaces	1 x 10/100/1000M uplink Ethernet port with POE/POE+ 2 x 10/100M Ethernet port with PSE 1 x 10/100M Ethernet port
Auxiliary Ports	1x Reset Pinhole
Mounting	Wall mountable
LEDs	1x tri-color LEDs for device tracking and status indication
Network Protocols	IPv4/IPv6, 802.1Q, 802.1p, 802.1x, 802.11e/WMM
QoS	802.11e/WMM, VLAN, TOS
Network Management	GWN.Cloud offers a free cloud management platform for unlimited GWN APs GWN.Manager (coming soon) offers premise-based software controller for up to 3,000 GWN APs
Power and Green Energy Efficiency	Support 802.3 az; PoE 802.3af/ 802.3at PSE max output per port: 6W; Max Consumption: 20 W
Environmental	Operation: 0°C to 40°C Storage: -10°C to 60°C Humidity: 10% to 90% Non-condensing
Physical	Unit Dimension:135 x 115 x 30mm; Unit Weight: 188g Entire Package Dimension: 171 x 140 x 33mm; Entire Package Weight: 278.5g
Package Content	GWN7602 802.11ac Wireless AP, Quick Start Guide
Compliance	FCC, CE, RCM, IC