

GS-GWN7625

Grandstream Enterprise Indoor Hybrid Wi-Fi 5 Access Point

Product Overview

Grandstream Enterprise Indoor Hybrid Wi-Fi 5 Access Point, Up to 1733 Mbps @ 5GHz, Up to 300 Mbps @ 2.4GHz, 200 concurrent clients, 2x autosensing 10/100/1000 BASE-T Ethernet Ports, PoE 802.3af / 802.3at



Specifications

Overview:

The GWN7625 is an 802.11ac Wave-2 Wi-Fi access point ideal for small-to-medium sized businesses, home offices, retail shops, restaurants and more. It offers 4x4:4 MU-MIMO technology on the 5G band and 2x2:2 MU-MIMO on the 2.4G band as well as a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range. To ensure easy installation and management, the GWN7625 uses a controller-less distributed network management design in which the controller is embedded within the products web user interface. The GWN7625 is also supported by GWN.Cloud and GWN Manager, Grandstreams 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 Grandstreams Wi-Fi capable IP phones. With support for advanced QoS, low-latency real-time applications, mesh networks, captive portals, 200+ concurrent clients per AP and dual Gigabit network ports with PoE/PoE+, the GWN7625 is the ideal Wi-Fi access point for medium wireless network deployments with medium user density.

Features:

- 2.03 Gbps wireless throughput and 2 Gigabit wireline ports 5GHz 4x4:4 MU-MIMO
- Supports up to 200 concurrent Wi-Fi client devices
- Advanced QoS to ensure real-time performance of low-latency applications
- Anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate/random default password per device
- Self power adaptation upon auto detection of PoE or PoE+
- Embedded controller can manage up to 30 local GWN series APs;
- GWN.Cloud offers unlimited AP management; GWN Manager offers premise based software controller

Specifications:

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Product Specification Sheet

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Specifications

Product Code	GS-GWN7625
Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac (Wave-2)
Antennas	6 single frequency internal antennas
	2.4GHz, gain 3.5dBi
	5GHz, gain 4.5dBi
Wi-Fi Data Rates	2.4G:
	IEEE 802.11n: 6.5Mbps to 300Mbps
	IEEE 802.11b: 1, 2, 5.5, 11 Mbps
	IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
	5G:
	IEEE 802.11ac: 6.5 Mbps to 1733 Mbps
	IEEE 802.11n: 6.5Mbps to 600Mbps
	IEEE 802.11a: 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	2.4GHz Radio: 2412 - 2484 MHz
	5GHz Radio: 5180 - 5825 MHz
	*Not all frequency bands can be used in all regions
Channel Bandwidth	2.4G: 20 and 40 MHz
	5G: 20, 40 and 80 MHz
Wi-Fi and System Security	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise (TKIP/AES), WPA3, anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate and random default password per device
MIMO	2x2:2 2.4GHz(MIMO)
	4x4:4 5GHz(MU-MIMO)
Maximum TX Power	2.4G: 23dBm
	5G: 25dBm
	*Maximum power varies by country, frequency band and MCS rate

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Product Specification Sheet

Receiver Sensitivity	2.4G
	802.11b: -96dBm@1Mbps, -88dBm@11Mbps
	802.11g: -93dBm @6Mbps, -75dBm@54Mbps
	802.11n 20MHz: -73dBm @MCS7, 802.11n 40MHz:-70dBm @MCS7
	5G
	802.11a: -92dBm @6Mbps, -74dBm @54Mbps
	802.11n 20MHz: -74dBm @MCS7, 802.11n 40MHz:-71dBm @MCS7
	802.11ac 20MHz: -67dBm@MCS8, 802.11ac: HT40:- 63dBm @MCS9, 802.11ac 80MHz: -59dBm @MCS9
SSIDs	16 SSIDs total, 8 per radio (2.4GHz & 5GHz)
Concurrent Clients	200
Network Interfaces	2x autosensing 10/100/1000 Base-T Ethernet Ports
Auxiliary Ports	1x Reset Pinhole, 1x Kensington lock
Mounting	Indoor wall mount or ceiling mount, kits included
LEDs	3 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	Embedded controller can manage up to 30 local GWN APs
	GWN.Cloud offers a free cloud management platform for unlimited GWN APs
	GWN Manager offers premise-based software controller for up to 3,000 GWN APs
Power and Green Energy Efficiency	Supports 802.3az
	PoE 802.3af/ 802.3at
	Maximum Power Consumption:
Environmental	Operation: 0 degreesC to 50 degreesC
	Storage: -10 degreesC to 60 degreesC
	Humidity: 10% to 90% Non-condensing
Physical	Unit Dimension: 205.3mm(L)x205.3mm(W)x45.9mm(H), Unit Weight: 530g
	Entire Package Dimension: 258mm(L)x247mm(W)x86mm(H), Entire Package Weight: 897.3g
Package Content	GWN7625 802.11ac Wave-2 Wireless AP, Mounting Kits, Quick Installation Guide
Compliance	FCC, CE, RCM, IC, UKCA

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx.co.za/GS-GWN7625-Grandstream-Enterprise-Indoor-Hybrid-Wi-Fi-5-Access-Point-p-272115.php>

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