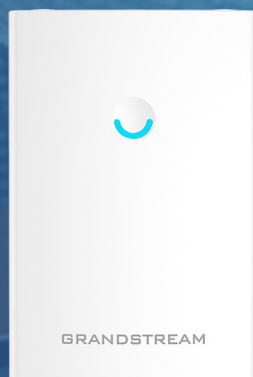
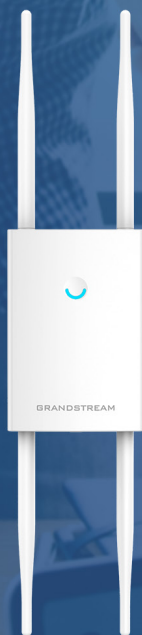




Partner Marketing Kit



GWN7630LR

Messaging Strategy

GWN7630LR

Tagline	High-Performance Outdoor Long-Range Wi-Fi Access Point
Subhead	<i>The GWN7630LR features weatherproof casing and 300-meter range to provide connectivity to large enterprises, large spaces, campuses, outdoor venues and more.</i>
GWN7630LR Positioning	The GWN7630LR is an outdoor long-range Wi-Fi access point for medium to large businesses and enterprises who need to provide long-range coverage in both indoor and outdoor spaces. It offers weatherproof casing and heat resistant technology, dual-band 4x4:4 MU-MIMO technology, and a sophisticated antenna design for maximum network throughput that supports 200+ clients and an expanded 300 meter coverage range. the GWN7630LR is an ideal outdoor Wi-Fi access point for enterprises, multiple floor offices, warehouses, hospitals, schools and more.
Key Differentiators	• Up to 300-meter coverage range • IP66 weatherproof casing for outdoor deployments • Support 200+ concurrent Wi-Fi client devices • 2.33Gbps wireless throughput and 2x Gigabit wireline ports • Dual-band 4x4:4 MIMO technology • Self power adaptation upon auto detection of PoE/PoE+ • Advanced QoS to ensure real-time performance of low-latency applications • Anti-hacking secure boot and critical data/control lockdown • Flexibility of detachable/changeable antenna for different application scenarios • Embedded controller can manage up to 50 local GWN series APs; GWN.Cloud offers unlimited AP management • IEEE 802.11a/b/g/n/ac (Wave-2)

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GWN7630LR Datasheet



High-Performance Outdoor Long-Range Wi-Fi Access Point

GWN7630LR

The GWN7630LR is an outdoor long-range 802.11 ac Wave-2 Wi-Fi access point for medium to large businesses and enterprises who need to provide long-range coverage in both indoor and outdoor spaces. It offers weatherproof casing and heat resistant technology, dual-band 4x4:4 MU-MIMO technology, and a sophisticated antenna design for maximum network throughput that supports 200+ clients and an expanded 300-meter coverage range. To ensure easy installation and management, the GWN7630LR includes a built-in controller embedded within the product's web user interface. It is also supported by GWN.Cloud, Grandstream's free cloud Wi-Fi management platform. The GWN7630LR 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 GWN7630LR is an ideal outdoor Wi-Fi access point for enterprises, multiple floor offices, warehouses, hospitals, schools and more.



Gigabit

2.3Gbps wireless throughput and 2x Gigabit wireline ports



4x4 MIMO

Dual-band 4x4:4 MU-MIMO technology



PoE

Self power adaptation upon auto detection of PoE/PoE+



Support 200+ concurrent Wi-Fi client devices



300 meters

Up to 300-meter coverage range



QoS

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



Anti-hacking secure boot and critical data/control lockdown



Flexibility of detachable/changeable antenna for different application scenarios



Embedded controller can manage up to 50 local GWN series APs; GWN.Cloud offers unlimited AP management

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Wi-Fi Standards	IEEE 802.11a/b/g/n/ac (Wave-2)
Antennas	4 detachable/changeable dual-band omnidirectional antennas 2.4GHz, gain 3.5dBi 5GHz, gain 3.5dBi
Wi-Fi Data Rates	IEEE 802.11ac: 8.5 Mbps to 1733Mbps IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps IEEE 802.11n: 6.5Mbps to 600Mbps IEEE 802.11g: 1, 2, 5.5, 11Mbps IEEE 802.11b: 1, 2, 4, 5.5, 11Mbps <i>*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</i>
Frequency Bands	2.4 GHz Radio: 2412 ~ 2484 MHz 5GHz Radio: 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5850MHz <i>*Not all frequency bands can be used in all regions.</i>
Channel Bandwidth	2.4G: 20 and 40MHz 5G: 20, 40 and 80MHz
System Security	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise, anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate and random default password per device
MIMO	4x4:4 2.4G (MIMO), 4x4:4 5G (MU-MIMO)
Coverage Range	Up to 300 meters <i>*Coverage range can vary based on environment</i>
Maximum TX Power	2.4G: 27 dBm 5G: 25 dBm <i>*Maximum power varies by country, frequency band, and MCS rate</i>
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; 802.11ac 20MHz: -67dBm@MCS8; 802.11ac HT40: -63dBm @MCS9; 802.11ac 80MHz: -59dBm @MCS9
SSIDs	16 SSID per radio
Concurrent Clients	200+
Network Interfaces	2x autosensing 10/100/1000 Base-T Ethernet Ports
Auxiliary Ports	1x Reset Pinhole
Mounting	Wall mount or pole mount - kits included
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	Embedded controller can manage up to 50 local GWN APs 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	PoE 802.3af/ 802.3at Max Consumption: 16.5W
Environmental	Operation: -30°C to 60°C Storage: -30°C to 70°C Humidity: 5% to 95% Non-condensing
Physical	Unit Dimension: 533.1 x 115 x 40mm; Unit Weight: 544g Unit + Mounting Kits Dimension: 533.1x115 x62mm; Unit + Mounting Kits Weight: 706g Entire Package Dimension: 258 x 247 x 86mm; Entire Package Weight: 978g
Package Content	GWN7630LR 802.11ac Wireless AP, Mounting Kits, Quick Start Guide
Weatherproof Grade	IP66-level weatherproof capability when installed vertically
Compliance	FCC, CE, RCM, IC

11.2019.8

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Translations

[English](#)

[French](#)

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GWN7630LR Sell Sheet

GWN7630LR

High-Performance Outdoor Long-Range Wi-Fi Access Point

About the GWN7630LR

The GWN7630LR is a high-performance, weatherproof 802.11ac Wave-2 Wi-Fi access point for medium to large businesses and enterprises who need to provide long-range coverage in both indoor and outdoor spaces. It offers weatherproof casing and heat resistant technology, dual-band 4x4:4 MU-MIMO technology, and a sophisticated antenna design for maximum network throughput that supports 200+ clients and an expanded 300-meter coverage range. To ensure easy installation and management, the GWN7630LR includes a built-in controller embedded within the product's web user interface. It is also supported by GWN.Cloud, Grandstream's free cloud Wi-Fi management platform.

Product Positioning

The GWN7630LR is ideal for long-range and/or outdoor Wi-Fi deployments as it offers 300 meter range and weatherproof casing. This makes it the perfect fit for enterprises, multiple floor offices, warehouse, hospitals, schools and more.

Competitive Features

- Up to 300-meter coverage range
- 2.33 Gbps wireless throughput and 2 Gigabit wireline ports
- Dual-band 4x4:4 MU-MIMO technology
- Self power adaptation upon auto-detection of PoE or PoE+
- Supports 200+ concurrent Wi-Fi client devices
- Anti-hacking secure boot and critical data/control lockdown via digital signatures
- Embedded controller can manage up to 50 local GWN series APs



300 meters
Up to 300-meter coverage range



4x4 MU-MIMO
Dual-band 4x4:4 MU-MIMO technology



PoE
Self power adaptation upon auto-detection of PoE or PoE+



200+ concurrent Wi-Fi client devices

GWN7630LR Key Technical Specifications

Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac (Wave-2)
Antennas	4 dual band external antennas, beamforming support 2.4GHz, gain 3.5dBi, 5 GHz, gain 3.5dBi
Frequency Bands	2.4GHz radio: 2412 - 2484 GHz / 5GHz radio: 5180 - 5825 GHz
Coverage Range	Up to 300 meters *coverage range can vary based on environment
Wi-Fi and System Security	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise, anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate and random default password per device
Concurrent Clients	200+
Network Interfaces	2x autosensing 10/100/1000 Base-T Ethernet Ports
Weatherproof	IP66 weatherproof casing for outdoor deployments





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Translations

[English](#)

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GWN7630LR Battle Cards

Translations

[English](#)

GWN7630LR

Long-Range Wi-Fi Access Point

The GWN7630LR is a high-performance, weatherproof 802.11ac Wave-2 Wi-Fi access point for small to medium-sized businesses, multiple floor offices, commercial locations and branch offices. It offers dual-band 4x4:4 MU-MIMO technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range.



Competitive Features

- 2.33Gbps wireless throughput and 2x Gigabit wireline ports
- Dual-band 4x4:4 MIMO technology
- Support 200+ concurrent client devices
- Up to 300 meters coverage range
- 4 dual-band external antennas
- 16 SSID per radio



Support for 200+ concurrent devices



4x4:4 MIMO Technology



Up to 300 meters coverage range

	GWN7630LR	Cisco Aironet 1800 Series APs	Aruba 330 Series AP
Wi-Fi Standards	IEEE 802.11a/b/g/n/ac (Wave-2)	802.11a/b/g/n/ac Wave-2	802.11ac Wave 2 (Wi-Fi 5)
Antennas	4 dual band external antennas	Integrated, external sold separately	Integrated
Coverage Range	Up to 300 meters *Coverage range can vary based on environment	Up to 300 meters *Coverage range can vary based on environment	Up to 300 meters *Coverage range can vary based on environment
MIMO	4x4:4 2.4G (MIMO), 4x4:4 5G (MU-MIMO)	4x4 MIMO with three spatial streams	4x4 MU-MIMO
SSIDs	16 SSID per radio		16 SSID
Concurrent Clients	200+	1500+	256
Network Interfaces	2x autosensing 10/100/1000 Base-T Ethernet Ports	1 x 1000Base-T (PoE) - RJ-45 1 x console - RJ-45	Backwards compatible with 100/1000Base-T
Auxiliary Ports	1x Reset Pinhole , 1x Kensington lock		HPE Smart Rate port and secondary Base-T port when both powered
LEDs	1x tri-color LEDs for device tracking and status indication	Status Indicators	Status Indicators

GWN7630LR Ready-Made Campaign

Email

[GWN7630LR Email \(PDF\)](#)

[GWN7630LR Email \(InDesign\)](#)

[GWN7630LR Email Banner \(PNG\)](#)

[GWN7630LR Deployments Image \(PNG\)](#)

[Email Text Copy](#)

Press Release

[Grandstream Releases a New Outdoor Long-Range Wi-Fi Access Point](#)



New Product Launch!

Grandstream's New High-Performance Long-Range Outdoor Wi-Fi Access Point

The GWN7630LR is an outdoor long-range Wi-Fi access point for medium to large businesses and enterprises who need to provide long-range coverage in both indoor and outdoor spaces. It offers weatherproof casing and heat resistant, dual-band 4x4 MU-MIMO technology, and a sophisticated antenna design for maximum network throughput that supports 200+ clients and an expanded 300 meter coverage range.

Key Technical Specifications

- Up to 300-meter coverage range
- IP66 weatherproof casing for outdoor deployments
- Support 200+ concurrent Wi-Fi client devices
- 2.33Gbps wireless throughput and 2x Gigabit wireline ports
- Dual-band 4x4 MU-MIMO technology
- Self power adaptation upon auto detection of PoE/PoE+
- Advanced QoS to ensure real-time performance of low-latency applications
- Anti-hacking secure boot and critical data/control lockdown
- Flexibility of detachable/changeable antenna for different application scenarios
- Embedded controller can manage up to 50 local GWN series APs; GWN.Cloud offers unlimited AP management
- IEEE 802.11a/b/g/n/ac (Wave-2)



Deployment Scenarios



Contact Us to Learn More

List how your customers can contact you to learn more about this product

GWN7630LR Ready-Made Campaign

Social

Paid Social Ad (limited or no text)

[GWN7630LR Social Image_limited text](#)

[GWN7630LR Social Image_no text](#)

Non-Paid (w/text)

[GWN7630LR Social Image_English](#)

[GWN7630LR Social Image_French](#)

[GWN7630LR Social Image_German](#)

[GWN7630LR Social Image_Italian](#)

[GWN7630LR_Social Banner_Polish](#)

[GWN7630LR Social Image_Portuguese](#)

[GWN7630LR Social Image_Russian](#)

[GWN7630LR Social Image_Spanish](#)

Suggested Social Copy

For paid and non-paid posts

[Suggested Social Copy](#)



Non-Paid



Paid

GWN7630LR Ready-Made Campaign

Ad Banners

English

[GWN7630LR Banner_300_250](#)

[GWN7630LR Banner_300_600](#)

[GWN7630LR Banner_728_90](#)

French

[GWN7630LR Banner_300_250](#)

[GWN7630LR Banner_300_600](#)

[GWN7630LR Banner_728_90](#)

German

[GWN7630LR Banner_300_250](#)

[GWN7630LR Banner_300_600](#)

[GWN7630LR Banner_728_90](#)

Italian

[GWN7630LR Banner_300_250](#)

[GWN7630LR Banner_300_600](#)

[GWN7630LR Banner_728_90](#)

Polish

[GWN7630LR Banner_300_250](#)

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[GWN7630LR Banner_728_90](#)

Portuguese

[GWN7630LR Banner_300_250](#)

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[GWN7630LR Banner_728_90](#)

Russian

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[GWN7630LR Banner_300_600](#)

[GWN7630LR Banner_728_90](#)

Spanish

[GWN7630LR Banner_300_250](#)

[GWN7630LR Banner_300_600](#)

[GWN7630LR Banner_728_90](#)

**High-Performance
Outdoor Long-Range
Wi-Fi Access Point**

The GWN7630LR features weatherproof casing and 300-meter range to provide connectivity to large enterprises, large spaces, campuses, outdoor venues and more.

[Learn More](#)

**High-Performance
Outdoor
Long-Range Wi-Fi
Access Point**

The GWN7630LR features weatherproof casing and 300-meter range to provide connectivity to large enterprises, large spaces, campuses, outdoor venues and more.

Gigabit **4x4 MIMO** **300 meters**

[Learn More](#)

**High-Performance Outdoor
Long-Range Wi-Fi Access Point**

The GWN7630LR features weatherproof casing and 300-meter range to provide connectivity to large enterprises, large spaces, campuses, outdoor venues and more.

Gigabit **4x4 MIMO** **300 meters**

[Learn More](#)

GWN7630LR PowerPoint Presentation

Use this PowerPoint presentation to provide a detailed overview of the new outdoor long-range Wi-Fi access point. This overview presentation covers technical specifications and deployment scenarios.

Translations

[English \(PowerPoint\)](#)

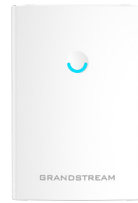
[English \(PDF\)](#)



Marketing Assets

1. Product Images

- [GWN7630LR_front](#)
- [GWN7630LR_back](#)
- [GWN7630LR_right](#)
- [GWN7630LR_antenna](#)
- [GWN7630LR_antenna_right](#)



Front



Right Angle



Back

2. Datasheet Feature icons

- [Gigabit](#)
- [4x4MIMO](#)
- [PoE](#)
- [Devices](#)
- [300-meters](#)
- [QoS](#)
- [Security](#)
- [Antenna](#)
- [Embedded Controller](#)



Devices



4x4 MIMO



100 meters



QoS