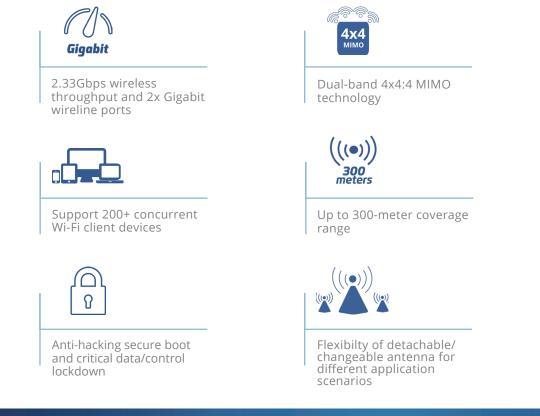


High-Performance Outdoor Long-Range Wi-Fi Access Point GWN7630LR

The GWN7630LR is an outdoor long-range 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 4×4:4 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.



Self power adaptation upon auto detection of PoE/PoE+



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



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

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: 6.5 Mbps to 1733Mbps IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps IEEE 802.11n: 6.5Mbps to 600Mbps IEEE 802.11b: 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 5GHz Radio: 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5850MHz *Not all frequency bands can be used in all regions.
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
МІМО	4x4:4 2.4G (MIMO), 4x4:4 5G (MU-MIMO)
Coverage Range	Up to 300 meters
	*Coverage range can vary based on environment
Maximum TX Power	2.4G: 27 dBm 5G: 25 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, -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	2× autosensing 10/100/1000 Base-T Ethernet Ports
Auxiliary Ports	1× Reset Pinhole
Mounting	Wall mount or pole mount - kits included
LEDs	1× 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 × 115 × 40mm; Unit Weight: 564g Unit + Mounting Kits Dimension : 533.1×115 ×62mm; Unit + Mounting Kits Weight : 706g Entire Package Dimension: 258 × 247× 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
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