



GWN SERIES

Wi-Fi Access Points



Grandstream Networks, Inc.

WHO IS GRANDSTREAM?

- ✓ Founded in 2002, headquarters in Boston, MA, USA
- ✓ Manufacturer of Unified Communications and Networking solutions (over 200 products in our portfolio)
- ✓ 600+ employees in 14 countries (+50% R&D engineers)
- ✓ Used in over 150 countries
- ✓ More than 100 direct distributors and thousands of authorized resellers
- ✓ 4 Research and Development Centers (Dallas, Los Angeles, Shenzhen and Hangzhou)
- ✓ Previous winner of Frost & Sullivan's Enterprise IP Endpoints Company of the Year



Grandstream Offices



Research and development centers



GWN Series

Networking Solutions

Our fastest growing product line; The GWN series enables you to create powerful, secure networks with industry-leading functionality, performance and management options. This line includes a complete portfolio of Access Points, Routers, Switches, and 3 free management options.





Why Choose The GWN Series?



3 Year Warranty

Standard on all GWN models



Remote Management

Provides scalability and flexible management options



Free Management

Managed via GDMS, GWN Manager, or built-in controller



Advanced Features

Take advantage of Wi-Fi 7, captive portals, Mesh, VPN, QoS, and much more



Secure Out-of-the-Box

Enterprise-grade security on all models



One-Stop-Shop

Grandstream offers everything needed to build wired and wireless networks



Easy Installation

Add new APs, routers, and switches by scanning the barcode with the GWN app



In stock and Available Now

Contact your distributor



Wi-Fi 6 & Wi-Fi 7 Certified

All of Grandstream's Wi-Fi 6 and Wi-Fi 7 access points are certified by the Wi-Fi Alliance.

Wi-Fi Alliance certification means that a product has been tested in numerous scenarios and environments to validate its strength, functionality, and interoperability with other Wi-Fi solutions.

The Wi-Fi Alliance is an independent organization that develops innovative technologies, requirements, and test programs to ensure Wi-Fi provides users the interoperability, security, and reliability they have come to expect.





Networking Solutions



Centralized Management



Grandstream Device Management System

- ✓ Network management from anywhere and on any device
- ✓ Works with all Grandstream GWN series devices, including access points
- ✓ Real-time monitoring of access points and clients
- ✓ Statistics, reports, alerts, automatic troubleshooting, and more
- ✓ Simple network configuration via graphical web interface
- ✓ No licensing, no need for additional accessories
- ✓ 3-year warranty on all our GWN Series devices



Networking Solutions

Seamless Roaming

Many Wi-Fi AP manufacturers do not provide any roaming support, as roaming is traditionally viewed as a function of the client device. Grandstream disagrees.

To ensure a seamless roaming experience with no interruptions, GWN Series APs proactively provide a variety of advanced roaming standards:

- Minimum RSSI
- PMK caching
- Enterprise Voice 802.11 r/k/v.





Enterprise-Grade Security Protection

- ✓ **Anti-hacking secure boot** – requires all critical operating layers of an AP to communicate with each other on boot to ensure the AP only boots-up if fully safe and secure
- ✓ **Critical data/control lockdown** – locks APs while encrypting data and network setup if a network security event occurs
- ✓ **Unique default passwords** – keeps your network safe and secure during installation – which is the most common time for hacking attempts
- ✓ **Unique security certificates** – creates a uniquely secure connection with each client to make it virtually impossible to hack into the network through network clients



Networking Solutions

Captive Portals

- Set a web page that will be displayed on Wi-Fi clients' browsers when they try to access your network
- Collect information from network users before providing network access, authenticate their connect, and require them to agree to terms and conditions.
- Ideal for retail, office buildings, hotels, medical facilities, airports, convention centers and other environments that offer free or paid Wi-Fi hotspots.



Internet



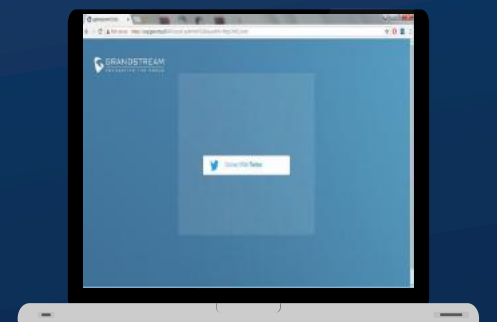
Server



SSID 1 Private



SSID 1 Public

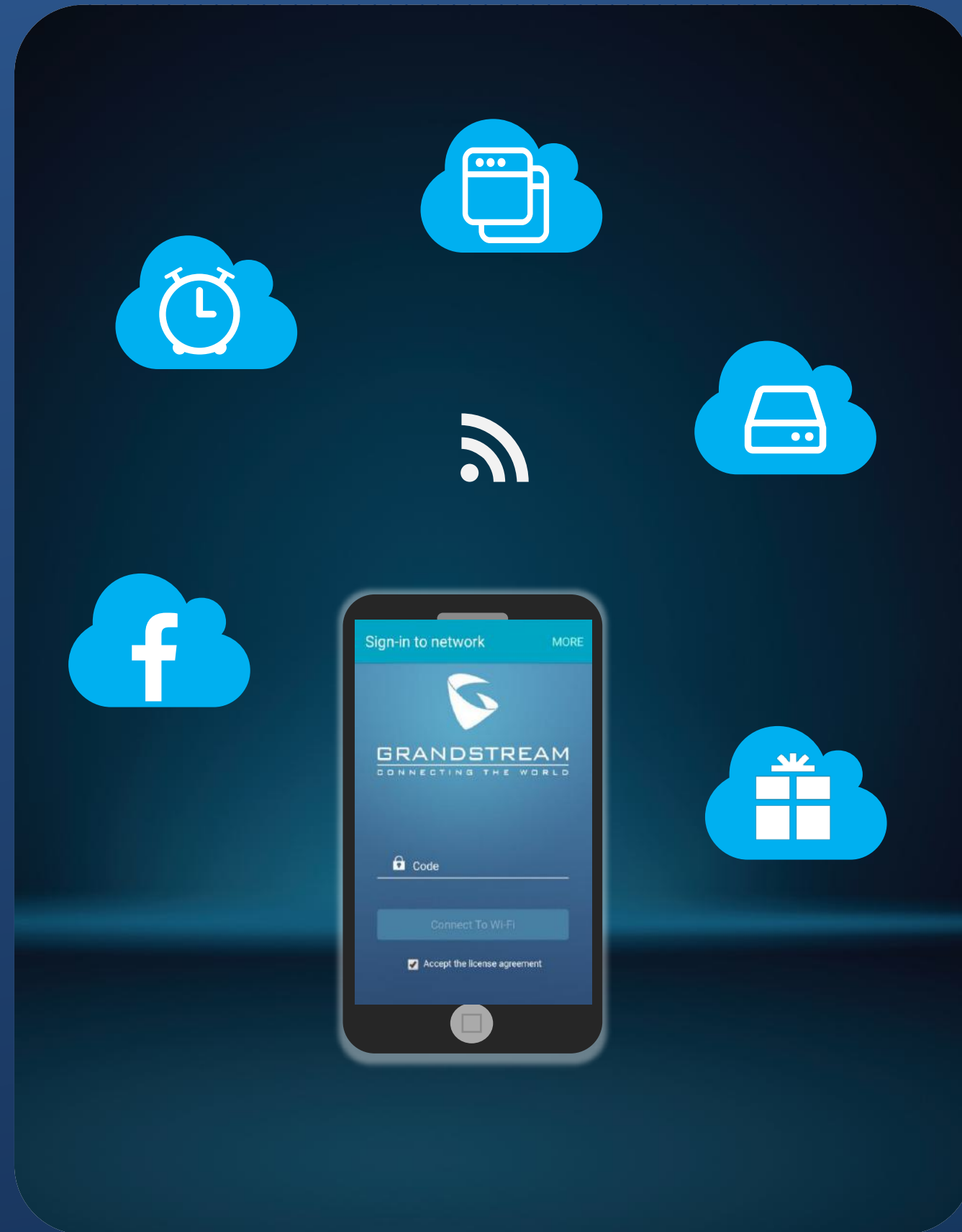




Networking Solutions

Captive Portals Authentication Types

- **Social Networks:** Facebook and Twitter
- **Radius Server:** Configure a Radius server to authenticate connecting clients.
- **Voucher:** Grant Internet access for a limited duration.
- **External Pages:** Users can set up an external splash page or external captive portal platform.





Notable GDMS Features



- **Heatmap:** This function is ideal for network design and optimizing Wi-Fi performance.
- **AP Localization:** Locate your client on the map, the location, the total number of equipment and solve any possible problem with Grandstream in seconds.
- **Network Topology:** Simplify management, improve monitoring and optimize your network
- **Customizable Alerts:** Always know what is going on with your networks. GDMS alerts keep you updated so you can be confident in its performance and resolve any problem quickly.
- **Speed Test:** Run network speed tests in real time to check bandwidth
- **Network Status Monitoring:** You can even monitor each of your ports
- **Manage & Configure VPNs:** Open VPN, IPSec, Wireguard, and much more
- **Unified UC + Networking Management:** Manage all Grandstream products, regardless of whether they are UC or networking solutions, from one interface.



Networking Solutions



Wi-Fi 7: Build Next-Gen Networks

Wi-Fi 7 is up to 4 times faster than previous Wi-Fi generations, supports more connections, reduces latency, increases network capacity, boosts stability, and maximizes efficiency.



The Fastest Wi-Fi Speeds – Wi-Fi 7 adds a third-band (6ghz) and packs more data into each transmission. Its' channels are twice the size of Wi-Fi 6 channels.



Increased Capacity – Wi-Fi 7 segments channel bandwidth into smaller units to allow those channels to be used by other devices without impacting existing signals.



Maximum Reliability with Ultra-Low Latency – connect to Wi-Fi 7 on multiple bands simultaneously, ensuring data goes through without delay, and providing faster speeds.



Eliminates Congestion and Interference – Ideal for environments with many and/or densely packed clients, including businesses, enterprises, hotels, schools, and more.



GWN Series Indoor APs



GWN7670

- Dual-band 2x2:2 MU-MIMO Wi-Fi 7
- 3.6Gbps wireless throughput
- 175-meter coverage range
- Supports 256 devices
- Bluetooth Low Energy (BLE) 5.3



GWN7665

- Tri-band 2x2:2 MU-MIMO Wi-Fi 6E
- 5.4Gbps wireless throughput
- 175-meter coverage range
- Supports 384+ devices
- Bluetooth Low Energy (BLE) 5.2



GWN7661E

- In-Wall Access Point
- Dual-band 2x2:2 MU-MIMO Wi-Fi 6
- 1.77Gbps wireless throughput
- 100-meter coverage range
- Supports up to 500 devices



GWN7664E

- Dual-band 4x4:4 MU-MIMO AX600 Wi-Fi 6
- 6Gbps wireless throughput
- 175-meter coverage range
- Supports 512 devices



GWN7660E

- Dual-band 2x2:2 (2.4GHz) and 4x4:4 (5GHz) MU-MIMO Wi-Fi 6
- 3 Gbps wireless throughput
- 175-meter coverage range
- Supports up to 256 devices



GWN7662

- Dual-band 2x2:2 (2.4GHz) and 4x4:4 (5GHz) MU-MIMO Wi-Fi 6
- 5.38Gbps wireless throughput
- 175-meter coverage range
- Supports up to 256 devices



GWN7604

- Compact Wi-Fi 6 AP
- Dual-band 2x2:2 (2.4G) and 3x3:2 (5G) MU-MIMO Wi-Fi 6
- Integrated 4x Gigabit ports
- 3Gbps wireless throughput
- 100-meter coverage range
- Supports up to 256 devices



GWN Series Indoor APs

Wi-Fi 5



GWN7630

- Dual-band 4×4:4 MU-MIMO Wi-Fi 5
- 2.33Gbps wireless throughput
- 175-meter coverage range
- Supports up to 200 devices



GWN7625

- Dual-band 2×2:2 (2.4GHz) and 4×4:4 (5GHz) MU-MIMO Wi-Fi 5
- 2.03Gbps wireless throughput
- 165-meter coverage range
- Supports up to 200 devices



GWN7624

- In-Wall Wi-Fi Access Point
- Dual-band 2×2:2 2.4GHz MU-MIMO, 4×4:4 5GHz
- 2.03Gbps wireless throughput
- Supports up to 200 devices



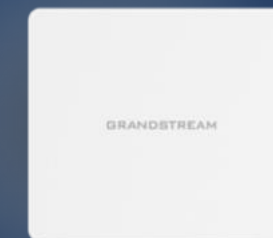
GWN7615

- Dual-band 3×3:3 MU-MIMO Wi-Fi 5
- 1.75Gbps wireless throughput
- 175-meter coverage range
- Supports up to 200 devices



GWN7605

- Dual-band 2×2:2 MU-MIMO Wi-Fi 5
- 1.27Gbps wireless throughput
- 165-meter coverage range
- Supports up to 100 devices



GWN7603

- Compact Wi-Fi 5 AP
- Dual-band 2×2:2 MU-MIMO Wi-Fi 5
- 1x Gigabit + 3x 100Mbps ports
- 1.27Gbps wireless throughput
- 100-meter coverage range
- Supports up to 100 devices



GWN Series Outdoor APs



GWN7664ELR

- Dual-band 4x4:4 MU-MIMO Wi-Fi 6
- 6Gbps wireless throughput,
- 2.5 Gbps RJ45 and 2.5 Gbps SFP wireline ports
- 300m coverage range
- Supports 512 devices
- 8 internal antennas



GWN7660ELR

- Dual-band 2x2:2 MU-MIMO Wi-Fi 6
- 3Gbps wireless throughput, 1 Gbps RJ45, and 2.5 Gbps SFP wireline ports
- 300m coverage range
- Supports 256+ devices
- 5 internal antennas



GWN7630LR

- Dual-band 4x4:4 MU-MIMO Wi-Fi 5
- 2.5Gbps wireless throughput, 2x Gigabit wireline ports
- 300m coverage range
- Supports 250+ devices
- 4 detachable antennas



GWN7605LR

- Dual-band 2x2:2 MU-MIMO Wi-Fi 5
- 1.27Gbps wireless throughput, 2x Gigabit wireline ports
- 250m coverage range
- Supports 100+ devices
- 2 detachable antennas



Management Options – GWN



- ✓ Free
- ✓ AWS Cloud Platform
- ✓ Mobile App
- ✓ Unlimited devices
- ✓ Encrypted cloud provisioning

GWN Manager



- ✓ Free
- ✓ Software Client
- ✓ Mobile App
- ✓ Local Servers
- ✓ Up to 3000 Devices

Built-in Controller



- ✓ Free
- ✓ Web Interface
- ✓ Local network deployments of 30–50 GWN devices



Thank You!

Email: info@grandstream.com