

## GWN Series Master Comparison Chart - Outdoor

| Specifications            | Long-Range Weatherproof Wi-Fi Access Points                                                                                |                                                                                                                            |                                                                                                                                                                                                                 |                                                                                                                                                                                                            |                                                                                                                                                                                                                 |                                                                                                                                                                                                            |                                                                                                                                                                                                                 |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                     | <br><b>GWN7605LR</b>                      | <br><b>GWN7630LR</b>                    | <br><b>WiFi 6<br/>CERTIFIED<br/>GWN7660LR</b>                                                                                | <br><b>WiFi 6<br/>CERTIFIED<br/>GWN7660ELR</b>                                                                          | <br><b>WiFi 6<br/>CERTIFIED<br/>GWN7664LR</b>                                                                                | <br><b>WiFi 6<br/>CERTIFIED<br/>GWN7664ELR</b>                                                                          | <br><b>WiFi 7<br/>CERTIFIED<br/>GWN7670LR</b>                                                                                |
| Client Devices            | 100+                                                                                                                       | 200+                                                                                                                       | 256+                                                                                                                                                                                                            | 256+                                                                                                                                                                                                       | 750+                                                                                                                                                                                                            | Up to 512                                                                                                                                                                                                  | Up to 256                                                                                                                                                                                                       |
| Range                     | 250 Meters                                                                                                                 | 300 Meters                                                                                                                 | 250 Meters                                                                                                                                                                                                      | 300 meters                                                                                                                                                                                                 | 300 meters                                                                                                                                                                                                      | 300 meters                                                                                                                                                                                                 | 350 meters<br>Point to multipoint (pending) - 1.5km                                                                                                                                                             |
| Network Interfaces        | 2x autosensing 10/100/1000 Base-T Ethernet Ports                                                                           | 2x autosensing 10/100/1000 Base-T Ethernet Ports                                                                           | 2x autosensing 10/100/1000 Base-T Ethernet Ports                                                                                                                                                                | 1x 1G RJ45 Port and 1x 2.5G SFP Port                                                                                                                                                                       | 2x autosensing 10/100/1000 Base-T Ethernet Ports                                                                                                                                                                | 1x 2.5G RJ45 Port and 1x 2.5G SFP Port                                                                                                                                                                     | 1x 2.5G Ethernet WAN/LAN, RJ-45, PoE input 1x 2.5G SFP                                                                                                                                                          |
| PoE/PoE+                  | Supports PoE 802.3af/802.3at; Max Consumption: 10.16W                                                                      | Supports PoE 802.3af/802.3at; Max Consumption: 16.5W                                                                       | Supports PoE 802.3af/802.3at; Max Consumption: 12.9W                                                                                                                                                            | Supports PoE 802.3af/ 802.3at; Maximum Power Consumption: 13W                                                                                                                                              | Supports PoE 802.3af/802.3at; Max Consumption: 18W                                                                                                                                                              | Supports PoE 802.3at; Max Consumption: 24W                                                                                                                                                                 | Supports PoE 802.3at; Max Consumption: 15.5W                                                                                                                                                                    |
| 2.4G Throughput           | 300Mbps (2x2:2 MU-MIMO)                                                                                                    | 600Mbps (4x4:4 MU-MIMO)                                                                                                    | 573.5Mbps (2x2:2 MU-MIMO)                                                                                                                                                                                       | 573.5Mbps (2x2:2 MU-MIMO)                                                                                                                                                                                  | 1147Mbps (4x4:4 MU-MIMO)                                                                                                                                                                                        | 1147Mbps (4x4:4 MU-MIMO)                                                                                                                                                                                   | 688Mbps (2x2:2 MU-MIMO)                                                                                                                                                                                         |
| 5G Throughput             | 867Mbps (2x2:2 MU-MIMO)                                                                                                    | 1733Mbps (4x4:4 MU-MIMO)                                                                                                   | 1201 Mbps (4x4:4 MU-MIMO)                                                                                                                                                                                       | 2403Mbps (2x2:2 MU-MIMO)                                                                                                                                                                                   | 2402Mbps (4x4:4 MU-MIMO)                                                                                                                                                                                        | 4804Mbps (4x4:4 MU-MIMO)                                                                                                                                                                                   | 2882Mbps (2x2:2 MU-MIMO)                                                                                                                                                                                        |
| Wi-Fi Standards           | IEEE 802.11a/b/g/n/ac (Wave-2)                                                                                             | IEEE 802.11a/b/g/n/ac (Wave-2)                                                                                             | IEEE 802.11 a/b/g/n/ac/ax                                                                                                                                                                                       | IEEE 802.11 b/g/n/ac/ax                                                                                                                                                                                    | IEEE 802.11 b/g/n/ac/ax                                                                                                                                                                                         | IEEE 802.11 b/g/n/ac/ax                                                                                                                                                                                    | IEEE 802.11a/b/g/n/ac/ax/be                                                                                                                                                                                     |
| SSIDs                     | 16 SSIDs total, 8 per radio (2.4 Ghz and 5 Ghz)                                                                            | 32 SSIDs total, 16 per radio (2.4GHz & 5GHz)                                                                               | 32 SSIDs total, 16 per radio (2.4GHz & 5GHz)                                                                                                                                                                    | 32 SSIDs total, 16 per radio (2.4GHz & 5GHz)                                                                                                                                                               | 32 SSIDs total, 16 per radio (2.4GHz & 5GHz)                                                                                                                                                                    | 32 SSIDs total, 16 per radio (2.4GHz & 5GHz)                                                                                                                                                               | 32 SSIDs total, 16 per radio (2.4GHz & 5GHz)                                                                                                                                                                    |
| Network Management        | Supports convenient and intelligent local Web configuration, GWN Manager, and GDMS Network Management                      | Supports convenient and intelligent local Web configuration, GWN Manager, and GDMS Network Management                      | Supports convenient and intelligent local Web configuration, GWN Manager, and GDMS Network Management                                                                                                           | Supports convenient and intelligent local Web configuration, GWN Manager, and GDMS Network Management                                                                                                      | Supports convenient and intelligent local Web configuration, GWN Manager, and GDMS Network Management                                                                                                           | Supports convenient and intelligent local Web configuration, GWN Manager, and GDMS Network Management                                                                                                      | Supports convenient and intelligent local Web configuration, GWN Manager, and GDMS Network Management                                                                                                           |
| Antennas                  | 2 dual band external antennas                                                                                              | 4 detachable/changeable dual-band omnidirectional antennas                                                                 | 2 dual band external antennas                                                                                                                                                                                   | 5 individual internal antennas                                                                                                                                                                             | 4 detachable/changeable dual band external antennas                                                                                                                                                             | 8 individual internal antennas                                                                                                                                                                             | 2.4G: Directional internal 8dBi/External omni 3.5dBi<br>5G: Directional internal 13.5dBi/External omni 3.5dBi<br>BT: 5.0dBi<br>Directional internal antenna beamwidth<br>2.4G: 90 degree<br>5G: 35 degree       |
| Wi-Fi & System Security   | WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise, anti-hacking secure boot and critical data/control lockdown via digital signatures | WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise, anti-hacking secure boot and critical data/control lockdown via digital signatures | 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 | 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 | 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 | 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 | 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 |
| Dimensions                | 558.3 x 115 x 45.3mm                                                                                                       | 533.1 x 115 x 40mm                                                                                                         | 358.3 x 115 x 45.3mm                                                                                                                                                                                            | 270 x 230 x 57mm                                                                                                                                                                                           | 562.3 x 140 x 44.9mm                                                                                                                                                                                            | 260 x 310 x 59mm                                                                                                                                                                                           | 223.2 x 169.9 x 53.9mm                                                                                                                                                                                          |
| Mounting                  | Wall mount or pole mount                                                                                                   | Wall mount or pole mount                                                                                                   | Wall mount or pole mount                                                                                                                                                                                        | Wall mount or pole mount (The mounting kits can be adjusted and rotated by 60°)                                                                                                                            | Wall mount or pole mount, kits included                                                                                                                                                                         | Wall mount or pole mount, kits included (The mounting kits can be rotated and adjusted by 60°)                                                                                                             | Wall mount or pole mount, kits included                                                                                                                                                                         |
| Weatherproof Capabilities | IP66-level                                                                                                                 | IP66-level                                                                                                                 | IP-66 level                                                                                                                                                                                                     | IP-67 level                                                                                                                                                                                                | IP-66 level                                                                                                                                                                                                     | IP-67 level                                                                                                                                                                                                | IP-66 level                                                                                                                                                                                                     |