

Grandstream Layer 2 Lite Cloud Managed Switch (GWN7721)

Product Name: Grandstream Layer 2 Lite Cloud Managed Switch (GWN7721)

Manufacturer: Grandstream

Model Number: GWN7721



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The GWN7721P are 10-port Layer 2 Lite Managed Switches, equipped with 8x 2.5G Ethernet ports and 2x 10Gigabit SFP+ ports, suitable for small-to-medium businesses to build scalable, secure, and smart networks. These devices support complex VLAN traffic segmentation, integrate Port-based, DSCP/802.1p QoS priority management modes, and bandwidth control which greatly improving the overall network performance. Support IGMP Snooping and comprehensive security protection. The GWN7721P model's 8 Ethernet ports all support PoE power output, suitable for devices such as IP phones, cameras, and Wi-Fi access points. The GWN7721 and GWN7721P are easy to manage through the local web user interface, GWN Manager and the cloud using the Grandstream Device Management System (GDMS). The series support both desktop and wall-mount installations and are widely applicable in network construction scenarios across industries such as hotels, home offices, and small to medium-sized enterprises.

Grandstream GWN7721 Key Features:

- 8x 2.5Gigabit Ethernet ports and 2x 10Gigabit SFP+ ports
- GWN7721P ports 1-8 support PoE, smart power control to support dynamic PoE/PoE+ power allocation per port
- Supports Loop Detection, Cable Test and Port Mirror to quickly locate network faults
- SNMPv2 remote monitoring, fault diagnosis, configuration management
- STP/RSTP to guarantee fast convergence, ensure network stability and provide link load balance
- Supports convenient and intelligent local Web configuration, GWN Manager, and GDMS Networking Management
- DHCP Snooping ensures DHCP packets are only allowed from trusted ports to keep the DHCP environment safe.
- Built-in QoS allows for prioritization of network traffic

Grandstream GWN7721 Technical Specifications

Mechanical

- Network Protocol: IPv4, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at
- 2.5 Gigabit Ethernet Ports: 8
- 10Gigabit SFP+ Ports: 2, supports 1Gbps/2.5Gbps/10Gbps
- Maximum no. of Supported Modules: SM-10G: 2 MM-10G: 2 RJ45-10G: 1
- PoE Out Ports: N/A
- Power Supply: External 12VDC/1 A
- PoE Output: N/A
- Max Total PoE Output Power: N/A
- Max Output Power per PoE Port: N/A
- Auxiliary Ports: 1x Reset Pinhole
- Forwarding Mode: Store-and-forward
- Total non-blocking throughput: 40Gbps
- Switching Capability: 80Gbps
- Jumbo Frame: 1518/2048/3072/4096/5120/6144/7168/8192/9216
- Forwarding Rate: 59.52Mpps
- Pack Buffer: 8Mb
- MAC: 16K MAC address capacity
- VLAN: • Supports up to 32 VLANs (out of 4K VLAN IDs) • port-based VLAN,

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802.1Q VLAN • DHCP Snooping

• LAG: 5

• Multicast: IGMP Snooping ,Report Message Suppression

• QoS: • Auto prioritization of the incoming port of the packet • Priority Mapping
• Queue scheduling, including SP, WFQ • Supports port priority, 802.1P priority, and
DSCP priority • Bandwidth control • Rate limit

• DHCP: DHCP client

• Maintenance: Backup and restore, system reboot , Factory Reset,firmware upgrade,Support
MAC address search, SNMP, LLDP Monitoring including port statistics, port mirroring cable test,
Ping

• Security: • DHCP Snooping • Spanning tree • Loop prevention • PoE
Watchdog • Kensington Security Slot (Kensington Lock) support

• Mounting: Desktop/ Wall-Mount

• LED Indicators: Per device: Power- Green Per port: Link/Activity - Green GWN7721P Port
1-8: PoE power state - Yellow

• Environmental: Operating Temperature: 0 to 45 °C (32 to 113 °F) Storage
Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90%

Non-condensing Storage Humidity: 10% to 90% Non-condensing

• Dimensions (L x W x H): Unit: 190 x 100 x 28mm Package: 300 x 130 x 53mm

• Enclosure: Metal

• Weight: Unit: : 0.52KG Entire Package: 0.74KG

• Package Content: 1x Switch, 1x Power Adapter, 1x QIG

• Compliance: FCC, CE, RCM, IC

Price: \$75.79