

## Grandstream GWN7801P Layer 2+ Managed Network Switch



Product Name: Grandstream GWN7801P Layer 2+ Managed Network Switch

Manufacturer: Grandstream

Model Number: GWN7801P

Grandstream GWN7801P Layer 2+ Managed Network Switch

The GWN7801P series are Layer 2+ managed network switches that allow small-to-medium enterprises to build scalable, secure, high performance, and smart business networks that are fully manageable. It supports advanced VLAN for flexible and sophisticated traffic segmentation, advanced QoS for prioritization of network traffic, IGMP Snooping for network performance optimization, and comprehensive security capabilities against potential attacks.

Grandstream GWN7801P Key Features:

- 8 Gigabit Ethernet ports and 2 Gigabit SFP ports

- Smart power control to support dynamic PoE/PoE+ power allocation per port

- Supports deployment in IPv6 and IPv4 networks

- Provides quaternary binding of IP, MAC, VLAN & port; ARP Inspection, IP Source Guard, DoS protection, port security & DHCP snooping

- Local Web UI to manage switch; GWN.Cloud and GWN Manager, Grandstream's cloud and on-premise Wi-Fi management platform

- Built-in QoS allows for prioritization of network traffic

The GWN7801P series can be managed in a number of ways, including the local network controller embedded in the web user interface of the GWN7801P series switch. The series is also supported by GWN.Cloud and GWN Manager Grandstream's cloud and on-premise Wi-Fi management platform. The enterprise-grade GWN7801P series are the ideal managed network switches for small-to-medium businesses.

Grandstream GWN7801P Technical Specifications:

Network Protocol

- IPv4

- IPv6, IEEE 802.3

- IEEE 802.3i

- IEEE 802.3u

- IEEE 802.3ab

- IEEE 802.3z

- IEEE 802.3x

- IEEE 802.3af/at

- IEEE 802.1p

- IEEE 802.1Q

- IEEE 802.1w

# of PoE Ports

- 8

Integrated Power Supply

- 150W

Max Output Power per PoE Port

- 30W

Max Total PoE Output Power

## Grandstream GWN7801P Layer 2+ Managed Network Switch

• 120W

PoE Standards

• IEEE 802.3af/at

Total non-blocking throughput

• 10Gbps

Switching Capability

• 20Gbps

Forwarding Rate

• 14.88M packets per second 41.66M packets per second

Switching

• 8K static, dynamic and filtering MAC addresses

• 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, voice VLAN

• VLAN virtual interface

• GVRP (pending)

• 8 link aggregation groups

Multicast

• IGMP Snooping, MLD Snooping, MVR

QoS/ACL

• Auto detection and prioritization of voice/video/RTP/SIP/other latency-sensitive packets (pending)

• Port priority

• Priority mapping

• Queue scheduling, including SP, WRR, WFQ, SP-WRR and SP-WFQ

• Traffic shaping

• Rate limit

• 1.5K ACL for Ethernet, IPv4 and IPv6

Security

• User hierarchical management and password protection, HTTPS, SSH, Telnet

• 802.1X authentication

• AAA authentication including RADIUS, TACACS+

• Storm control

• Port isolation, port security, sticky MAC

• Filtering MAC address

• IP source guard, DoS attack prevention, ARP inspection

• DHCP Snooping

• Loop protection including BPDU protection, root protection and loopback protection

• Kensington Security Slot (Kensington Lock) support

## Grandstream GWN7801P Layer 2+ Managed Network Switch

### Dimensions

1½ 30mm(L)\*175mm(W)\*44(H) 440mm(L)\*200mm(W)\*44mm(H)

### Unit Weight

1½ 2kg

### Package Contents

1½ Switch, 1x 1.2m(10A) AC Cable  
1½ Rack-mounting Standard Brackets  
1½ 1x Ground Cable,  
1½ 4x Rubber Feet, 2x Lug Ear

**Price: Â£109.50**

---