

# Grandstream GWN7802 Layer 2+ Managed Network Switch



Product Name: Grandstream GWN7802 Layer 2+ Managed Network Switch

Manufacturer: Grandstream Model Number: GWN7802

Grandstream GWN7802 Layer 2+ Managed Network Switch

The GWN7802 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 forflexible 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 GWN7802 Key Features:

រ៉េ្ស 16 Gigabit Ethernet ports and 4 Gigabit SFP ports

า๊¿1/2 Supports deployment in IPv6 and IPv4 networks

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

ī¿½ Local Web UI to manage switch; GWN.Cloud and GWN Manager, Grandstream's cloud and on-premise Wi-Fi management platform

12.1/2 Built-in QoS allows for prioritization of network traffic

The GWN7802 series can be managed in a number of ways, including the local network controller embedded in theweb user interface of the GWN7800 series switch. The series is also supported by GWN.Cloud and GWN ManagerGrandstream's cloud and on-premise Wi-Fi management platform. The enterprise-grade.

Grandstream GWN7802 Layer 2+ Managed Network Switch Technical Specifications: Network Protocol

� IPv4

� IPv6, IEEE 802.3

ï¿⅓ IEEE 802.3i

� IEEE 802.3u

ï¿1/2 IEEE 802.3ab

ï¿1/2 IEEE 802.3z

ï¿⅓ IEEE 802.3x

ï¿1/2 IEEE 802.3af/at

ï¿⅓ IEEE 802.1p

ان;½ IEEE 802.1Q

ï¿⅓ IEEE 802.1w

Integrated Power Supply

ï¿1/2 30W

Max Output Power per PoE Port

� 30W

Max Total PoE Output Power

ï¿⅓ 30W

Total non-blocking throughput

ï¿⅓ 20Gbps



# Grandstream GWN7802 Layer 2+ Managed Network Switch

## **Switching Capability**

ï¿⅓ 40Gbps

### Forwarding Rate

� 29.76Mpps packets per second

## Switching

ï¿1/2 8K static, dynamic and filtering MAC addresses

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

� VLAN virtual interface

� GVRP (pending)

� 8 link aggregation groups

#### Multicast

آذِ1/2 IGMP Snooping, MLD Snooping, MVR

### QoS/ACL

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

ï¿⅓ Port priority

آز½ Priority mapping

آذِا 2 Queue scheduling, including SP, WRR, WFQ, SP-WRR and SP-WFQ

� Traffic shaping

تز½ Rate limit

� 1.5K ACL for Ethernet, IPv4 and IPv6

## Security

ī సై User hierarchical management and password protection, HTTPS, SSH, Telnet

� 802.1X authentication

ï¿1/2 AAA authentication including RADIUS, TACACS+

ï¿1/2 Storm control

� Port isolation, port security, sticky MAC

� Filtering MAC address

า๊¿½ IP source guard, DoS attack prevention, ARP inspection

� DHCP Snooping

ī సై Loop protection including BPDU protection, root protection and loopback protection

ī స్ట్రీ Kensington Security Slot (Kensington Lock) support

## **Dimensions**

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

Unit Weight

� 2.6 kg

Package Contents



# Grandstream GWN7802 Layer 2+ Managed Network Switch

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

Price: \$157.19