

Netgear ProSafe 8 Port Smart Managed Plus Gigabit Desktop Switch With 4 Ports of PoE



Product Name: Netgear ProSafe 8 Port Smart Managed Plus Gigabit Desktop Switch With 4 Ports of PoE

Manufacturer: -

Model Number: GS108PE

Netgear ProSafe 8 Port Smart Managed Plus Gigabit Desktop Switch With 4 Ports of PoE The Netgear GS108PE provides fundamental network features such as VLANs, QoS, and IGMP Snooping that will help optimise the performance of business networks.

Netgear GS108PE Key Features

าั¿½ Smart Managed Plus Switch delivers network monitoring, traffic prioritisation and VLAN

� 8 Port

آذِرُ Simple, yet useful network set-up on top of plug-and-play connectivity

า๊¿½ Gigabit speed with QoS, VLAN and network monitoring

� VLAN support for traffic segmentation

آزٰ Quality of Service (QoS) for traffic prioritisation

� Auto "denial-of-service" (DoS) prevention

آذِيً Troubleshoot connection issues via cable test

� Loop prevention and broadcast storm controls � IGMP snooping v1, v2 and v3 support for multicast optimisation

161/2 Rate limiting for better bandwidth allocation

12.1/2 Port mirroring for network monitoring

� Jumbo frame support

าั¿½ Port Trunking to increase bandwidth and provide redundant links

Netgear GS108PE Technical Specification Product Specifications

ï¿⅓ Gigabit ports: 8
ï¿⅓ Fiber ports: 0

i¿½ # of PoE ports: 4

� Total PoE power budget (watts): 53

� Max MAC entries: 4K � Buffer size: 192KB

ī స్ట్రి Energy Efficient Ethernet (IEEE 802.3az) compliant: Yes

Performance Specification

17.1/2 Forwarding modes: Store-and-forward

� Bandwidth: 16Gbps

រ៉េ½ Priority queuing: Weighted Round Robin (WRR)

� Jumbo frame support: Up to 9720 bytes � Acoustic noise (dB) (ANSI-S10.12): 0

آذًا Mean Time Between Failures (MTBF) (hrs): 1,242,394

L2 Services - VLANS

� VLAN (# Supported): 32

ï¿1/2 IEEE 802.1Q VLAN Tagging: Yes

� Port-based VLAN: Yes

L2 Services - Availability



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ï¿1/2 Link Aggregation/Port Trunking2: No

าั¿½ Number of Static Manual LAGs and # of members: N/A

L2 Services - Multicast Filtering

آزٰ IGMP Snooping (v1, v2 and v3): Yes

ï¿1/2 Block unknown Multicast: Yes

ï¿1/2 Supported Mulitcast groups: 128

L3 Services - DHCP

� DHCP client: Yes

Quality of Service (QOS)

تز1/2 Rate limiting: Yes

� DSCP: Yes

� IEEE 802.1p COS: Yes

� Port-based VLAN: Yes

ï¿⅓ TOS: Yes

� WRR (Weighted Round Robin): Yes � Strict Priority Queue Technology: No

IEEE Network Protocols

� IEEE 802.3 Ethernet

� IEEE 802.3ab 1000BASE-T

ï¿⅓ IEEE 802.1Q VLAN Tagging

ï¿⅓ IEEE 802.3i 10BASE-T

ï¿⅓ IEEE 802.1p Class of Service

ï¿1/2 IEEE 802.3x Full-duplex Flow Control

ï¿⅓ IEEE 802.3u 100BASE-T

� IEEE 802.3af (PoE)

Management

ï¿1/2 System Password: Yes

� Web browser based management GUI: Yes

آزار PC Utility: Yes

� Port Mirroring: Yes

าั¿½ Multiple Language GUI: Yes - English, German, Japanese

� Max number of source ports allowed (many to 1): 7

� Many-to-One Port Mirroring: Yes

� Cable Test utility: Yes

آذِ1/2 FW upgrade thru Plus Utility (TFTP): Yes

ï¿1/2 Config download (to Switch) thru Plus Utility: Yes

ï¿1/2 Config upload (to Server): Yes

Miscallaneous Features

� Loop Detection: Yes � DoS Prevention: Yes

ï¿⅓ Broadcast Storm Control: Yes



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آذِ1/2 Energy Efficient Ethernet (EEE): Yes

LEDs

آزٰ Per port: Speed, Link, Activity Per device: Power, Fan and PoE Power Status

Physical Specifications

ï¿1/2 Dimensions: 158x101x29mm

ï¿⅓ Weight: 0.54kg

ï¿⅓ Fan: 0

Power Consumption (when all ports used, line-rate traffic and max PoE)

� Worst case, all ports used, line-rate traffic, max PoE (W): 60.0

าั¿½ Heat Dissipation Max/Standby (BTU/hr): Max: 205.2 Min: 3.7

Environmental Specifications2

� Operating temperature: 32° to 104°F (0° to 40°C)

រី¿½ Operating Humidity: 90% maximum relative humidity, non-condensing

� Operating Altitude: 10,000ft (3,000m) maximum

าั¿½ Storage temperature: –4° to 158°F (–20° to 70°C)

ī¿½ Storage Humidity: 95% maximum relative humidity, non-condensing

آزا Storage Altitude: 10,000ft (3,000m) maximum

าั¿½ Electromagnetic Emissions and Immunity Certifications Class: A

آذِ1/2 Safety Certifications: CB, CE LVD, CCC, EAC

Package Contents

ï¿⅓ Smart Managed Plus Switch

� Power cord or power adapter (depending on model)

ï¿1/2 Quick Install Guide

Please Enquire