



Control and Configure Beyond Plug-and-Play

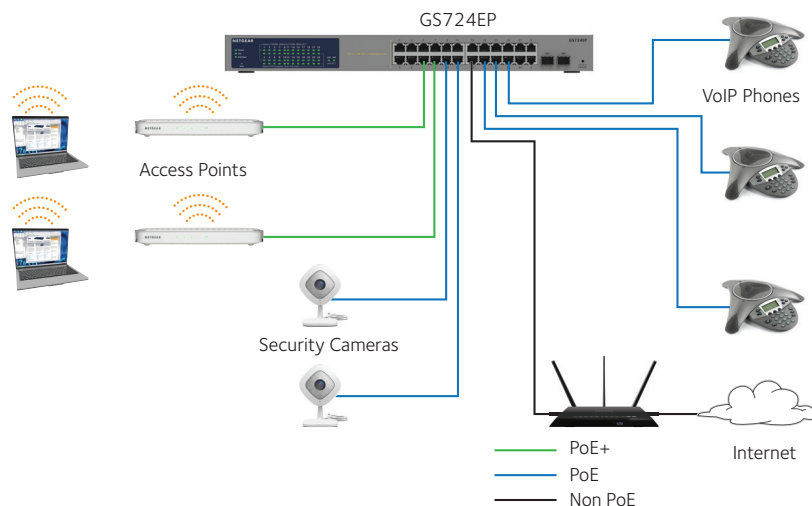


NETGEAR Plus Switches with PoE meets business networks growing need by providing fundamental network features such as simplified VLANs, QoS set-up and IGMP Snooping that will help optimize the performance of business networks. Plus Switches are the perfect upgrade from the plug-and-play unmanaged switch, delivering essential networking features at a very affordable price. The new model GS724EP supports Power-Over-Ethernet (PoE) and can power devices such as VOIP phones, surveillance IP cameras, wireless access points and many other applications. These new Plus switches models include advance PoE control to help optimize the performance and troubleshooting of business networks. The new and improved business-friendly GUI allows easy management and simple configuration. With the growing deployment of applications and an all-in-one solution, providing management and power to these applications would be ideal.

Highlights

- Enable network configuration and management at the price point of unmanaged switches
- Simple, yet useful network set-up on top of plug-and-play connectivity
- Business-friendly and easy-to-use web browser-based management GUI
- VLAN support for traffic segmentation
- Quality of Service (QoS) for traffic prioritization
- Auto "denial-of-service" (DoS) prevention
- Troubleshoot connection issues via cable test
- Energy Efficient Ethernet (IEEE 802.3az) support for maximum power savings
- Loop detection (some models) and broadcast storm controls
- Rate limiting for better bandwidth allocation
- Port mirroring for network monitoring
- Jumbo frame support
- Advanced features such as per port PoE controls
- 802.3at standard offering 30W/port
- Quiet operation at 32.4dB @ 25°C with rackmounting option
- Lifetime 24/7 Chat Technical Support*
- Next-Business-Day Hardware Replacement**
- Limited Lifetime Hardware Warranty

Power The Devices in Your SMB Business



Technical Specifications

Features	GS724EP
10/100/1000 RJ45 Copper Ports (Auto Uplink)	24
Enclosure	Metal
Connector Type	Metal
PoE	
# of PoE ports	24
# PoE+ 802.3at Ports	24
SFP ports	2
Total PoE/PoE+ Budget	190W
Advanced PoE Controls	Yes
PoE Scheduling	Yes
Performance Specification	
Forwarding modes	Store-and-forward
Bandwidth	52Gbps
Max MAC entries	4K
Buffer Size	192KB
Energy Efficient Ethernet (IEEE 802.3az) compliant	Yes
Priority queuing	WRR
Jumbo frame support	10,000 bytes
Acoustic noise level @ 25° C (dBA) (ANSI-S10.12)	0
Mean Time Between Failures (MTBF) @ 25° C	634,966 hours
L2 Services - VLANs	
VLAN (# Supported)	64
IEEE 802.1Q VLAN Tagging	Yes
Port-based VLANs	Yes
L2 Services - Availability	
Link Aggregation/Port Trunking	Yes
Number of Static Manual LAGs and # of members	8/8
L2 Services - Multicast Filtering	
IGMP snooping (v1, v2, and v3)	Yes
Block unknown multicast	Yes
Supported Multicast groups	128

Technical Specifications

L3 Services - DHCP		GS724EP
DHCP client		Yes
Quality of Service		
Rate Limiting		Yes
DSCP		Yes
IEEE 802.1p COS		Yes
Port-based VLAN		Yes
TOS		Yes
WRR (Weighted Round Robin)		Yes
Strict Priority queue technology		No
IEEE Network Protocols		
<ul style="list-style-type: none"> • IEEE 802.3 Ethernet • IEEE 802.3ab 1000BASE-T • IEEE 802.3u 100BASE-T • IEEE 802.1p Class of Service • IEEE 802.1Q VLAN Tagging 	<ul style="list-style-type: none"> • IEEE 802.3az Energy Efficient Ethernet (deactivated by default) • IEEE 802.3ad Dynamic Link Aggregation (LACP) • IEEE 802.3x Full-duplex Flow Control • IEEE 802.3af PoE • IEEE 802.3at PoE+ 	
Management		
System Password		Yes
Web browserbased management GUI		Yes
PC Utility		No
Port Mirroring		Yes
Max number of source ports allowed (one-to-one port mirroring)		1
Many-to-one Port Mirroring		No (1-to-1 only)
Cable Test Utility		Yes
FW Upgrade Thru Plus Utility (TFTP)		No
Config download (to Switch) thru Plus Utility		No
Config upload (to server)		Yes
LEDs		
Per port		Speed, Link, Activity, PoE
Per device		Power, PoE Max, FAN

Technical Specifications

Physical Specifications		GS724EP
Dimensions (W x D x H)		440 x 204 x 43 mm (17.32 x 8.03 x 1.69 in)
Weight		3.145 kg (6.95 lb)
Environmental Specifications		
Operating		
Operating temperature		32° to 122°F (0° to 50°C)
Humidity (relative)		90% maximum relative humidity (RH), non-condensing
Altitude		10,000 ft (3,000 m) maximum
Storage		
Storage temperature		- 4° to 158°F (-20° to 70°C)
Humidity (relative)		95% maximum relative humidity (RH), non-condensing
Altitude		10,000 ft (3,000 m) maximum
Electromagnetic Emissions and Immunity		
Certifications		EMC class A CE UKCA FCC ISED VCCI RCM KC BSMI
Warranty and Support		
Hardware Warranty (All Except China/India)		Limited Lifetime warranty
China/India		1-year warranty
External Power Adapter Warranty		N/A
Technical Support (online, phone)		90 days free of Technical Support with registration
ProSUPPORT OnCall 24x7 Service Plans		Category 1 PMB0311-10000S PMB0331-10000S PMB0351-10000S

Technical Specifications

Package Contents		GS724EP
All Models		<ul style="list-style-type: none"> • NETGEAR Smart Managed Plus Switch • Detachable power cable (varies by region) <ul style="list-style-type: none"> • Rack installation kit • Rubber feet • Installation guide
Optional Modules, Software Licenses and Accessories		
AGM731F		SFP Transceiver 1000BASE-SX (Short range, multimode)
AGM732F		SFP Transceiver 1000BASE-LX (Long range, single mode)
AGM734-10000S		SFP Transceiver 1000BASE-T Copper RJ45 GBIC

*This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller, and covers unmodified hardware, fans and internal power supplies -not software or external power supplies, and requires product registration at <https://www.netgear.com/business/registration> within 90 days of purchase; see <https://www.netgear.com/about/warranty> for details. Intended for indoor use only.

†NETGEAR #1 in US Market Share according to NPD data for Unmanaged and Smart Switches, September 2019. NETGEAR #1 in Europe Market Share according to Context data for Unmanaged and Smart Switches, September 2019.

The use of the proper type of cable is required for optimum performance. Please consult this Knowledge Base article for more information: www.netgear.com/cables

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