



DESCRIPTION

Instant Connectivity and Reliable Performance

The NETGEAR Gigabit Unmanaged Switch series helps your business cost-effectively expand your network to Gigabit speeds and higher port counts. The GS516UP joins the series and offers 8 Ultra60 PoE++ ports and 8 PoE+ ports to power high-power PoE devices. With a total PoE power budget of 380W, deploy denser PoE+ and PoE++ devices to a single switch rather than multiple.

The GS516UP is energy efficient, built to last, and rigorously tested to provide the reliability your business needs. 802.1p traffic prioritization and jumbo frame support allow for seamless integration with more sophisticated networks.

Powerful Ultra60 PoE++

Ideal for powering and connecting 802.11AX wireless access points, 4K/8K IP surveillance cameras, PoE lighting, and high power audio speakers, the GS516UP gives you a highly cost-effective and powerful switch with the best cost/PoE budget ratio.

NETGEAR Ultra60 PoE++ Unmanaged Switches support the latest Energy Efficient Ethernet (IEEE 802.3bt) standard, powerful enough to support devices that require greater power.

The GS516UP includes 8 UltraPoE++ ports that can deliver up to 60W of power per port.

PoE Mode

Your business is always changing and growing, but not all your devices may be 802.3bt standard compatible. PoE mode on the GS516UP solves this problem by providing power to both pre-bt and bt standard devices.

- GS516UP by default uses 802.3bt standard, only compatible for bt standard devices
- 802.3bt Standard Devices: to power bt standard devices, select 802.3bt mode to receive 60W of power
- Pre-802.3bt Standard Devices: to power up pre-802.3bt standard products, select the pre-802.3bt mode to receive more than 30W of power
- If the GS516UP is set to pre-802.3bt mode but the device is standard 802.3bt, then PoE++ power will not be delivered to the device. The switch will only deliver 80.3af (<15W)

TECHNICAL CHARACTERISTICS

Brand : NETGEAR

Part number : GS516UP-100EUS

Réseau :

Full duplex : Y

Auto MDI/MDI-X : Y

10G support : N

AC input frequency : 50/60 Hz

AC input voltage : 100 - 240 V

Basic switching RJ-45 Ethernet ports quantity : 16

Basic switching RJ-45 Ethernet ports type : Gigabit Ethernet (10/100/1000)

Depth : 220 mm

Half duplex : Y

Harmonized System (HS) code : 85176990

Heat dissipation : 1559.5152 BTU/h

Height : 43 mm

Housing material : Metal

Input current : 8 - 4 A

Jumbo frames support : Y

Latency (1 Gbps) : 12 µs

LED indicators : Activity, Link, PoE, Power, Speed

MAC address table : 8000 entries

Mean time between failures (MTBF) : 1213791 h

Networking standards : IEEE 802.3, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3bt, IEEE 802.3i, IEEE 802.3p, IEEE 802.3u

Number of fans : 3 fan(s)

Operating altitude : 0 - 3000 m

Operating relative humidity (H-H) : 10 - 90%

Operating temperature (T-T) : 0 - 50 °C

Packet buffer memory : 0.192 MB

Packet forwarding rate (1 Gbps) : 1448000 pps

Power consumption (max) : 456.8 W

Power over Ethernet (PoE) : Y

Power over Ethernet (PoE) power per port : 60 W

Power over Ethernet plus (PoE+) ports quantity : 16

Power supply included : Y

Product colour : Grey

Quality of Service (QoS) support : Y

Rack mounting : Y

Storage temperature (T-T) : -20 - 70 °C

Switch type : Unmanaged

Switching capacity : 32 Gbit/s

Total Power over Ethernet (PoE) budget : 380 W

Weight : 2.6 kg

Width : 390 mm