

Power up to 4 Wireless Access Points or Other PoE-capable Devices



- Senses and adjusts for network speed and cabling type
- Durable case and silent, fan-less design
- Auto power-down mode saves energy when port is unused
- Auto Green mode detects cable length and adjusts power usage

**Features**

- Fast, auto-switching Ethernet connection integrates 10, 100, and 1,000 Mbps devices into your network
- Supports Windows® and Macintosh® platforms
- LEDs make it easy to monitor link, speed, and activity
- AutoUplink™ technology automatically adjusts for two common types of cables

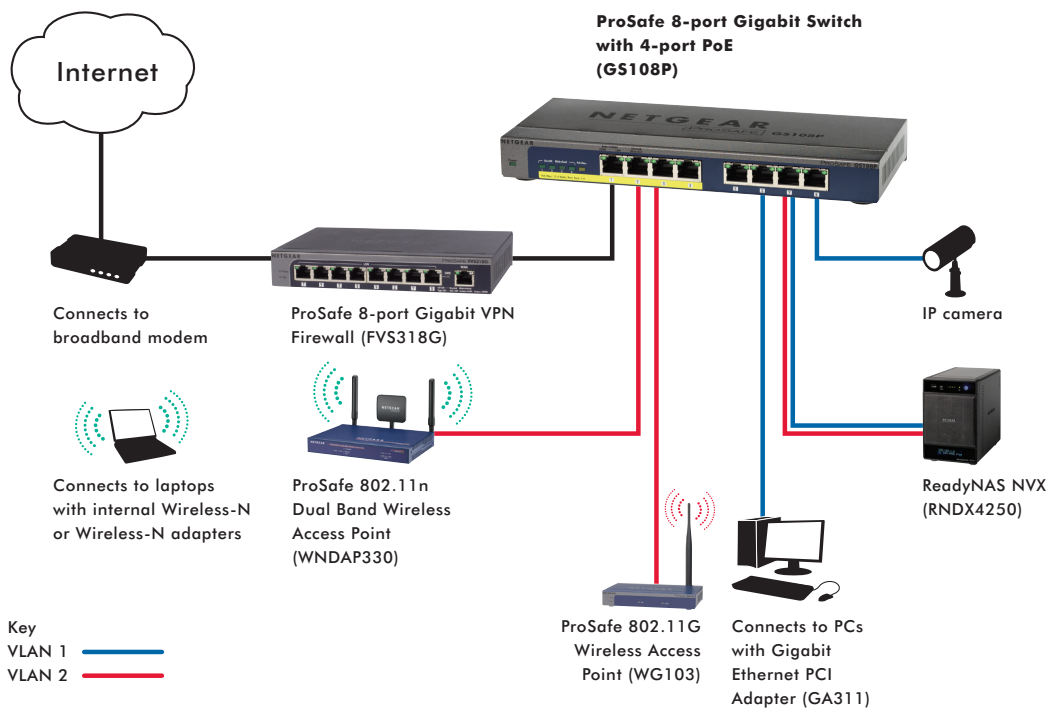


**NETGEAR Green**

- Auto power-down mode saves energy when port is unused
- Auto Green mode detects cable length and adjusts power usage to save energy

Features	FS105	FS108	FS116	FS108P	FS116P	GS105	GS108	<b>GS108P</b>	GS116	JFS516	JFS524	JGS516	JGS524
10/100 Mbps Ports	5	8	16	8	16					16	24		
10/100/1000 Mbps Ports						5	8	<b>8</b>	16			16	24
Auto Uplink™	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Internal Power Supply										⊙	⊙	⊙	⊙
Metal Enclosure	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Port LEDs	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙				
Rack Mountable										⊙	⊙	⊙	⊙
Power over Ethernet (PoE)				4	8			<b>4</b>					
Warranty <sup>†</sup>	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	<b>Lifetime</b>	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime





## Technical Specifications

### • Network Protocol and Standards Compatibility

- IEEE 802.3i 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T Gigabit Ethernet
- IEEE 802.3x flow control
- IEEE 802.3af DTE power via MDI

### • Power Supply

- Total power consumption: 60W maximum
- 802.3af power consumption: 50W maximum (ports 1–4)
- 48V DC, 1.25A power output; plug is localized to country of sale

### • Network Ports

- 8 auto speed-sensing 10/100/1000 RJ-45 ports

### • Physical Specifications

- Dimensions (H x W x D): 27 x 235 x 103 mm (1.1 x 9.3 x 4.1 in)
- Weight: 0.716 kg (1.7 lb)

### • Performance Specifications

- Forwarding mode: Store-and-forward
- Queue buffer memory: 192 KB per port
- Bandwidth: 16 Gbps (non-blocking)
- Forwarding rate:
  - 10 Mbps port: 14,880 packets/sec
  - 100 Mbps port: 148,800 packets/sec
  - 1000 Mbps port: 1,488,000 packets/sec
- Latency (using 1500-byte packets):
  - 10 Mbps: 30μs (max)
  - 100 Mbps: 6μs (max)
  - 1000 Mbps: 4μs (max)
- MAC address database: 4K

### • Electromagnetic Emissions

- CE mark, commercial
- FCC Part 15 Class B
- VCCI Class B
- C-Tick
- EN 55022 (CISPR 22) Class B

### • Environmental Specifications

- Operating temperature: 32° to 122° F (0° to 50° C)
- Storage temperature: -4° to 158° F (-20° to 70° C)
- Operating humidity: 90% maximum relative humidity, non-condensing
- Storage humidity: 95% maximum relative humidity, non-condensing
- Operating altitude: 10,000 ft (3,000 m) maximum
- Storage altitude: 10,000 ft (3,000 m) maximum

### • Status LEDs

- System: Power, PoE maximum power
- Per port: Link, activity, speed, PoE active, PoE fault

### • Safety

- CE mark, commercial
- CE/LVD EN 60950

**System Requirements**

- Category 5 UTP network cables or above
- Network card for each PC
- Network software (e.g., Windows®)
- Web browser (e.g., Internet Explorer 5.0 or higher, Netscape 6.0 or higher)

**Warranty**

- NETGEAR Lifetime Warranty†
- Power supply: NETGEAR 2-year Warranty

**ProSupport Service Packs Available****• OnCall 24x7, Category 1**

- PMB0331-100 (US)
- PMB0331 (non-US)

**• XPressHW, Category 1**

- PRR0331

**Package Contents**

- ProSafe® 8-port 10/100/1000 Gigabit Switch with 4-port PoE (GS108P)
- AC adapter
- Wall-mount kit
- Installation guide
- Warranty/support information card

**Ordering Information**

- North America: GS108P-100NAS
- Europe: GS108P-100EUS
- Asia: GS108P-100PES

**NETGEAR®**

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This product comes with a limited warranty, the acceptance of which is a condition of sale. This product has been tested for quality assurance and this product or its components may have been recycled.

\*Basic technical support provided for 90 days from date of purchase.

†Lifetime warranty for product purchased after 05/01/2007.