NETGEAR®
PROSAFE®

ProSafe® Plus Switch 8-port Gigabit Ethernet Switch
GS108E

GIG
ETHERNET
1000
Mbps

More Capabilities beyond Plug-and-play Connectivity

Today's growing businesses are both placing more demands on and relying more on their network. Companies are putting more applications and demands on their Ethernet Infrastructure. Using VoIP phones and IP cameras require more than simple plug-and-play connectivity. Additionally, Internet-based applications such as Hotmail and Google Calendaring have made keeping the network up a business-critical need. However, companies do not necessarily have more money or advanced training to deal with complex managed switches. NETGEAR's new ProSafe Plus Switches meet this growing need by providing easy to use visibility and limited configuration capabilities. To provide more insight into the network behavior, ProSafe Plus Switches offer traffic monitoring for users to observe traffic behavior. Additionally, if there are connectivity issues, these switches offer a cable diagnostic test capability that can identify and even locate problems in the cables. To optimize traffic through the switches, ProSafe Plus Switches offer both port and tag-based prioritization to keep latency-sensitive traffic moving ahead of less critical packets. Also, as a means of improving security or managing collision domains, ProSafe Smart Switches offer VLAN technology. ProSafe Plus Switches offering these monitoring and configuration capabilities at a slight cost premium over un anaged switches, delivering great value to the end user.

Additionally, furthering NETGEAR's support of the environment, ProSafe Plus Switches have power-saving Green Ethernet technology. The GS108E switch comes in a sturdy metal case with a fan-less design for silent operation.

Features

- Gigabit speed with QoS, VLAN and network monitoring
- Simple network set-up on top of Plug-and-Play connectivity
- Detects loops and prevents broadcast storm
- NETGEAR Green, power saving features
- VLAN support for traffic separation
- Quality of Service (QoS) prioritizes traffic
- Auto "Denial-of-Service" (DoS) prevention
- Network monitoring and bandwidth control
- Troubleshoot connection issues via cable test
- Loop detection

ProSafe *Plus*

Quick Configuration

NETGEAR Green

- Up to 60% lower power consumption than the non-Green version
- Auto power-down and cable-length detection for energy savings
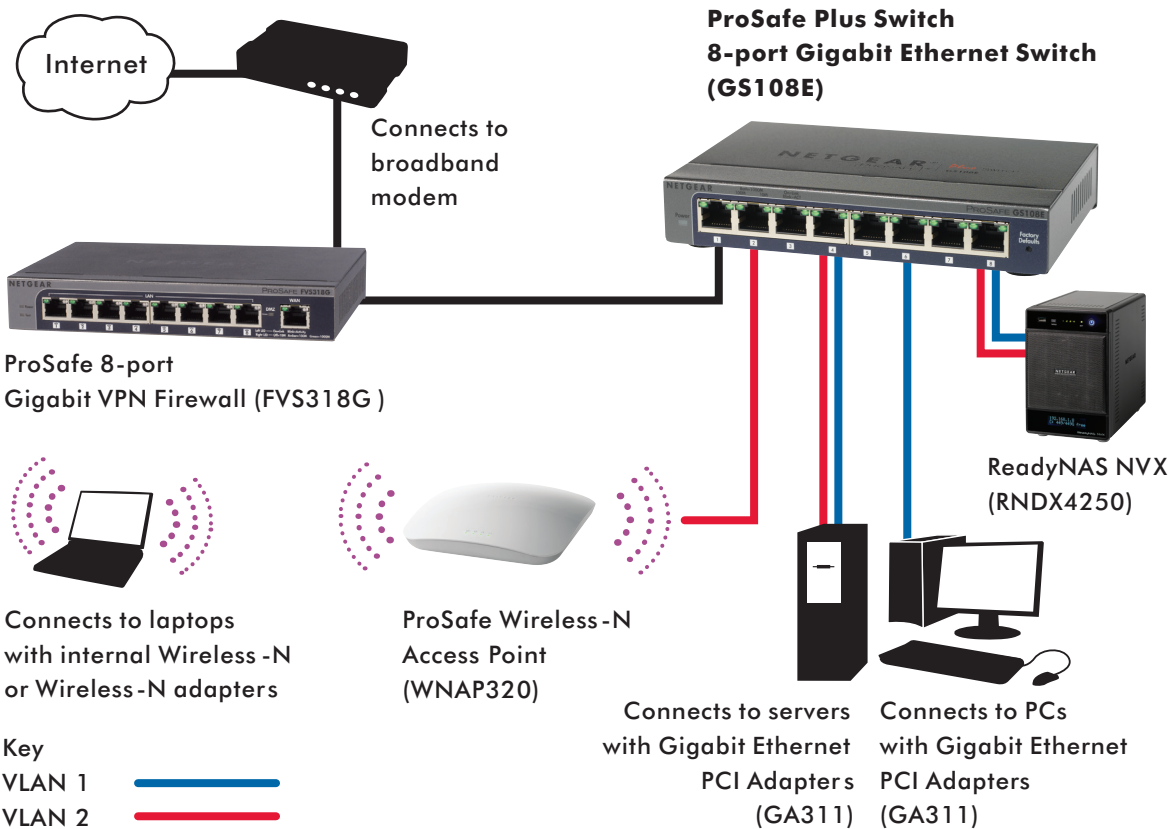- Packaging manufactured with at least 80% recycled materials

NETGEAR *Green*

24/7
TECHNICAL SUPPORT*

1-888-NETGEAR (638-4327)
Email: info@NETGEAR.com

NETGEAR
PROSAFE®
LIFETIME WARRANTY*

The NETGEAR Difference

GS108E
- ✓ Prioritize video/voice
- ✓ Monitor network traffic
- ✓ Create network groups
- ✓ Cable diagnostics
- ✓ Loop detection

Features	GS105	GS108	GS108P	GS105E	**GS108E**	GS108PE
10/100/1000 Mbps Ports	5	8	8	5	8	8
PoE ports			4			4
Auto Uplink™	◉	◉	◉	◉	◉	◉
Divide Network into Groups (VLAN)				◉	◉	◉
Set Traffic Priority (QoS)				◉	◉	◉
Bandwidth Control				◉	◉	◉
Auto DoS Prevention				◉	◉	◉
Loop Detection				◉	◉	◉
Warranty‡ L	ifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime

Internet

Connects to broadband modem

**ProSafe Plus Switch
8-port Gigabit Ethernet Switch
(GS108E)**

ProSafe 8-port
Gigabit VPN Firewall (FVS318G)

ReadyNAS NVX
(RNDX4250)

Connects to laptops
with internal Wireless -N
or Wireless -N adapters

ProSafe Wireless -N
Access Point
(WNAP320)

Connects to servers
with Gigabit Ethernet
PCI Adapters
(GA311)

Connects to PCs
with Gigabit Ethernet
PCI Adapters
(GA311)

Key
VLAN 1
VLAN 2

Technical Specifications

• Standards Compliance
- IEEE 802.3i 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE 802.3z 1000BASE-T Gigabit Ethernet
- Compatible with all major network software

• Network Ports
- Eight (8) 10/100/1000 Mbps Ethernet RJ-45 ports

• Power Adapter
- 12V, 1.0A power adapter, localized to country of sale

• Physical Specifications
- Dimensions (h x w x d): 27 x 158 x 105 mm (1.1 x 6.2 x 4.1 in)
- Weight: 522 g (1.15 lbs)

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

• Safety Agency Approvals
- CE/LVD EN 60950, CB

• Switch Environmental Specifications
- Operating temperature: 32° to 122° F (0° to 50° C)
- Operating humidity: 90% maximum relative humidity, non-condensing

System Requirements
- Ethernet Category 5 cable
- Network card for each PC
- Microsoft® Windows® 7, Vista®, or XP for running Configuration Utility

Package Contents
- ProSafe® Plus Switch, 8-port Gigabit Ethernet Switch (GS108E)
- Wall-mount kit
- 12V, 1.0A power adapter
- Quick install guide
- Resource CD with configuration utility software

Warranty
- NETGEAR Lifetime Warranty‡ (see information enclosed)

NETGEAR®

350 E. Plumeria Drive
San Jose, CA 95134-1911 USA
1-888-NETGEAR (638-4327)
E-mail: info@NETGEAR.com
www.NETGEAR.com