NETGEAR®
BUSINESS

As a leading provider of network equipment for SMBs, NETGEAR® understands the importance of reliable and high performance networks that are SMB budget aware. With the growth of virtualization, cloud-based services and applications like VoIP, video streaming and IP surveillance, SMB networks need to extend beyond simple reliability to performance and security. The NETGEAR S350 Gigabit Smart Switch series is tailored to these essential network needs of your business; delivering unprecedented non-blocking Gigabit bandwidth and solid network security at an affordable cost.

The NETGEAR Smart S350 series consists of five switch models, including 8-, 24- and 48-port

Gigabit Ethernet switches and 8-, and 24-port Gigabit Ethernet PoE+ switches with 2 or 4 SFP ports for fiber uplinks, offering powerful Layer 2 features, enhanced performance and ease of use. They are purposely designed for converged networks where voice, video, data are all carried on a single network platform. Advanced features such as L2/L3/L4 Access Control Lists (ACLs), Quality of Service (QoS), Link Aggregation Control Protocol (LACP) and Spanning Tree Protocol (STP) will ensure a high-speed and highly secured network environment for your business.

The 8-port S350 series switch models are in small "desktop" form factors, which will not take much space to place. The 24- and 48-port models

are also rack-mountable. All models include Kensington lock slot to physically secure your switch in open space. The fan-less 8-port models and 24-port non-PoE model will operate silently, ideal for the noise-sensitive environment. The 24-port PoE+ model and 48-port model also work under 33dBA acoustic level. All NETGEAR S350 Series switches support IEEE 802.3az Energy Efficient Ethernet mode, caring power saving for your business. NETGEAR S350 Series is covered by a 5-year limited Hardware Warranty* and extendable support**, offering a worry-free user's experience at very affordable total cost of ownership.

Highlights

Flexible and cost-effective solution for SMB data, voice and video converged network

- 8/24/48 Gigabit 10/100/1000BASE-T RJ-45 ports

- 55W (GS310TP) or 190W (GS324TP) PoE budget across 8 or 24 Gigabit PoE+ ports (802.3at)

- Dedicated SFP fiber ports: 2 on GS310TP/GS324T/GS324TP and 4 on GS348T

- Non-blocking switching with 16Gbps to 104Gbps line rate fabric

- Fan-less design on GS308T/GS310TP/GS324T; GS324TP and GS348T has max acoustic noise level at 32.8dB and 26dB respectively under 25°C (77°F) ambient

Powerful Connectivity and Security Features

- Advanced VLAN support for better network segmentation

- L2/L3/L4 Access control lists (ACLs) for granular network access control including 802.1x port authentication

- QoS (Quality of Service) for traffic prioritization including port-based, 802.1p and L2/L3/L4 DSCP-based

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

- IGMP Snooping and Querier for multicast optimization

- Rate limiting and priority queuing for better bandwidth allocation

- Port mirroring for network monitoring

- Energy Efficient Ethernet (IEEE 802.3az) for maximum power savings

- Cable test to troubleshoot connection issues (except for GS324T/GS324TP)

- Easy-to-use Web browser-based management GUI available in English, German and Japanese

- SNMP v1, v2c, v3 and RMON remotemonitoring

Smart IT, not Big IT

- Easy to manage via web-Based Management GUI or Smart Control Center (Windows PC required) for multi-switch deployment

- Smart Control Center, a powerful tool for multi-switch discovery, deployment, monitoring and firmware upgrade

- Network Management System (NMS300), allowing all NETGEAR business products to be deployed and managed through this single interface

- Dual firmware images, improving reliability and uptime to your network

NETGEAR quality and reliability

- Industry-leading 5-year Limited Hardware Warranty*

- Minimal down-time with Next-BusinessDay Replacement Warranty

- Get 90-days Free Advanced Technical Support with device registration

Hardware at a Glance

| Model Name | Form-Factor | FRONT | | | REAR | SIDE |
		10/100/1000 Base-T RJ45 ports	1000BASE-X Fiber SFP Ports	PoE+ 802.3at Ports (Budget)	Power Supply	Fans
GS308T	Desktop	8			1 external PSU, DC 12V 1.0A	Fan-less
GS310TP	Desktop	8	2	8 PoE+ (55W)	1 external PSU, DC 54V 1.25A	Fan-less
GS324T	Rackmount	24	2		1 internal PSU, fixed	Fan-less
GS324TP	Rackmount	24	2	24 PoE+ (190W)	1 internal PSU, fixed	2 internal fans, fixed
GS348T	Rackmount	48	4		1 internal PSU, fixed	1 internal fan, fixed

Software at a Glance

| LAYER 2 FEATURES | | | | | | |
Management	IPv4 ACL and QoS	Pv4 Multicast Filtering	Auto-VOIP/ Auto Video	IEEE (802.3az) Energy Efficient Ethernet	MAC VLANs	Convergence Advanced Features
Web Browser-based GUI (HTTP/HTTPS), PC-Based Smart Control Center Utility (SCC) RMON, SNMP	L2, L3, L4, ingress	IGMP Snooping, Querier, Fast Leave, L2 Multicast Router	Yes	Yes	8K or 16K Max MAC 64 VLANs Static, Dynamic, Voice	LLDP-MED RADIUS 802.1X LACP, STP, SNMP

Ordering Information

Model Name	North America, Latin America	Europe	United Kingdom	Asia Pacific	Japan	India	China
GS308T	GS308T-100NAS	GS308T-100PES	GS308T-100UKS	GS308T-100AUS	GS308T-100JPS	GS308T-100INS	GS308T-100PRS
GS310TP	GS310TP-100NAS	GS310TP-100EUS		GS310TP-100AJS		GS310TP-100INS	GS310TP-100PRS
GS324T	GS324T-100NAS	GS324T-100EUS		GS324T-100AJS		GS324T-100INS	GS324T-100PRS
GS324TP	GS324TP-100NAS	GS324TP-100EUS		GS324TP-100AJS		GS324TP-100INS	GS324TP-100PRS
GS348T	GS348T-100NAS	GS348T-100EUS		GS348T-100AJS		GS348T-100INS	GS348T-100PRS

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