...eet this growing need by providing fundamental network features such as VLANs, ...nize the performance of business networks. Smart Managed Plus Switches are the ...anaged switch, delivering essential networking features at a very affordable price.

...the price
- Auto "denial-of-service" (DoS) prevention
- Troubleshoot connection issues via cable test
- Loop detection and broadcast storm controls
- ... limiting for better bandwidth allocation
- ...ng for network monitoring

GS300 Series Comparison

Features	GS305E	GS308E
Gigabit ports	5	8
Max MAC entries	8K	4K
Buffer Size	128KB	192KB
Energy Efficient Ethernet (IEEE 802.3az) compliant	Yes	Yes
PERFORMANCE SPECIFICATIONS		
Forwarding modes	Store-and-forward	
Bandwidth	10Gbps	16Gbps
Priority queuing	Weighted Round Robin (WRR), Strict Priority, or both	
Jumbo frame support	Up to 9K packet size	
Acoustic noise level @ 25° C (dBA) (ANSI-S10.12)	0	0
Mean Time Between Failures (MTBF) @ 25° C	2,531,294 hours	1,638,156 hours
L2 SERVICES – VLANS		
VLAN (# Supported)	64	32
IEEE 802.1Q VLAN Tagging	Yes	Yes
Port-based VLANs	Yes	Yes
L2 Services – AVAILABILITY		
Link Aggregation/ Port Trunking	No	No
Number of Static Manual LAGs and # of members	N/A	N/A
L2 SERVICES – MULTICAST FILTERING		
IGMP snooping (v1, v2, and v3)	Yes	
Block unknown multicast	Yes	
Supported Multicast groups	128	128
L3 SERVICES – DHCP		
DHCP client	Yes	
QUALITY OF SERVICE (QOS)		
Rate Limiting	Yes	
DSCP	Yes	No
IEEE 802.1p COS	Yes	
Port-based VLAN	Yes	
TOS	Yes	No
WRR (Weighted Round Robin)	Yes	
Strict Priority queue technology	Yes	

Features	GS305E	GS308E
IEEE STANDARDS SUPPORTED		
• IEEE 802.3 Ethernet • IEEE 802.3ab 1000BASE–T • IEEE 802.3u 100BASE–T • IEEE 802.3ab 1000BASE–T	• EEE 802.1p Class of Service • IEEE 802.1Q VLAN Tagging • IEEE 802.3x Full–duplex Flow Control	
MANAGEMENT		
System Password	Yes	
Web browserbased management GUI	Yes	
PC Utility	Yes	
Port Mirroring	Yes	
Max number of source ports allowed (many-to-one port mirroring)	4	7
Many-to-one Port Mirroring	Yes	
Cable Test Utility	Yes	
FW Upgrade Thru Plus Utility (TFTP)	Yes	
Config download (to Switch) thru Plus Utility	Yes	
Config upload (to server)	Yes	
LEDS		
Per port	Speed, Link, Activity	
Per device	Power, system	

GS300 Series Comparison

Features	GS305E	GS308E
WARRANTY AND SUPPORT		
All Except China	3-year warranty	
China	1-year warranty	
Technical Support (online, phone)	90 days free from date of purchase*	
ProSUPPORT OnCall 24x7 Service Plans	Category S1: PMB0S11-10000S PMB0S31-10000S PMB0S51-10000S	

*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 Web/Smart Switches, August 2018. NETGEAR #1 in Europe Market Share according to Context data for Unmanaged and Web/Smart Switches, June 2018.

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