

# LGS328C

Switch Type  
Managed

Switch Ports  
24

Power Consumption  
23.95W

Jumbo Frame (FE, GE)  
12Kbytes

LEDs  
Power, Fault

VLAN  
Port-based and 802.1q VLANs, Management VLAN, Guest VLAN support

Memory  
512MB

Forwarding Rate  
95.23 Mpps

Dimensions (LxWxH)  
(12.99 x 9.06 x 1.73 in)  
330 x 230 x 44 mm

Weight  
1989 g (4.38 lb)

Number of VLANs Supported  
256 active VLANs (4,096 range)

Operating Humidity  
10 to 90% RH

Operating Temperature  
0 to 45°C (32 to 113°F)

Ports  
24 Gigabit Ethernet  
4 10G SFP+

Security Features  
802.1x Radius authentication  
DHCP snooping  
DOS Attack Prevention  
IP-MAC binding  
Port Isolation (Protected Ports)  
Port Security (256 max entries per port)

Rate Limiting  
Rate limit according to network speed, 12kbps~1000Mbps: in steps of 16kbps

Power Input  
0.7A  
100~240V  
50~60 Hz

Spanning Tree  
IEEE 802.1d Spanning Tree, IEEE 802.1w Rapid Spanning Tree, IEEE 802.1s Multiple Spanning Trees (16 instances)

Quality Of Service  
8 hardware queues  
Port-based, 802.1p priority-based, IPv4/v6 IP DSCP-based  
Strict, Weighted Round Robin (WRR)

Storage Temperature  
0 to 45°C (32 to 113°F)

Warranty and Support  
2 Year Warranty (Australia and New Zealand)  
5 Year Warranty (most countries)

RMON  
Embedded remote monitoring (RMON 1, 2, 3, 9) software agent support for enhanced traffic management, monitoring, and analysis

MAC Address Table Size  
16K

Switching Capacity  
128 Gbps

HOL Blocking Prevention  
Head of line (HOL) blocking prevention

Auto Voice VLAN  
Voice traffic is automatically assigned by OUI to a voice-specific VLAN and treated with appropriate levels

Other Management  
Console Port, DHCP client, system log, configuration upload and backup via HTTP or TFTP, PING, Traceroute, dual images, SNTp

Link Aggregation  
IEEE 802.3ad LACP, up to 8 groups with up to 8 ports per group

Access Control  
Ingress, MC Based ACL, IPv4 Based ACL, IPv6 Based ACL, ACL Binding, Action: permit/deny

Storm Control  
Support broadcast/unknown multicast/unknown unicast 16kbps~1000Mbps: in steps of 16kbps

Management Interface  
HTTP  
HTTPS

Routing  
Static Routing, IPv4 (63 max entries), IPv6 (21 max entries)

SNMP  
Version 1  
Version 2c  
Version 3

Storage Humidity  
5 to 95% RH (non-condensing)

IGMP Snooping  
IGMP (v1/v2/v3) snooping provides for fast client joins and leaves of multicast streams and limits bandwidth-intensive video traffic to only the requestors; supports 256 multicast groups

Power Saving  
EEE

Port Mirroring  
Traffic on multiple ports (up to 3 ports) can be mirrored to another port for analysis with a network analyzer

Firmware Upgrade  
Web Browser (HTTP/HTTPS)