

LGS-1108C

8 10/100/1000 with 1 10/100/1000T/Mini-GBIC Combo Web-Smart Switch

- IEEE802.3ad Port trunk with LACP
- Spanning tree & RSTP protocol
- Web Management
- Port Based VLAN



OVERVIEW

Lantech LGS-1108C is a Web Management switch with 8 10/100/1000 ports and one 10/100/1000T/Mini-GBIC Combo port. It is specially designed for the small office or department where has high bandwidth requirement.

With the Web UI, users are able to manage LGS-1108C, which supports port based VALN, VALN Tag and port trunk features.

LGS-1108C also supports CoS to improve the security and performance of the network.

Lantech LGS-1108C is the best solution for the user in aspect of easy management and price concern. It provides basic smart web management functions and a relatively economic price to fulfill your needs.

FEATURES & BENEFITS

- **8-Port 10/100/1000T with 1 10/100/1000T/Mini GBIC combo port**
- **Confirms to IEEE802.3 10BASE-T, 802.3u 100BASE-TX, 802.3z Gigabit fiber and IEEE 802.3ab 1000Base-T**
- **16Gbps switch fabric**
- **Web management**
- **Port Based VLAN**
- **IEEE802.3x Flow control**
 - Flow control for full duplex
 - Back pressure for half duplex
- **IEEE802.3ad Port trunk with LACP**
- **Spanning tree protocol**
 - STP / Rapid STP
- **QoS for below method:**
 - Port based / Tag based
 - IPv4 Type
- **IEEE 802.1 x user authentication**
- **DHCP Client**

SPECIFICATION

Hardware Specification		
IEEE Standard	IEEE802.3 10BASE-T	IEEE802.1 Q VLANS
	IEEE802.3u 100BASE-TX	IEEE 802.1 x User Authentication
	IEEE802.3z Gigabit fiber	Connector
	IEEE802.3ab 1000Base-T	1000Base-T: 8 x RJ-45
	IEEE802.3x Flow control and Block pressure	Gigabit fiber: 1 x MINI GBIC socket.
	IEEE802.3ad Port trunk with LACP	The MINI GBIC shared with RJ-45 port 1.
IEEE802.1w Rapid spanning tree	Switch architecture	Store-and-forward switch architecture. 16Gbps system backplane.
IEEE802.1 p Class of Service	MAC Address	8K MAC address table with Auto learning function
	Memory buffer	144Kbytes embedded

Datasheet Version 1.0

Jumbo Packet	Support 9K bytes Jumbo Frame	Operating Humidity	10% to 90% (Non-condensing)
Transfer Rate	14,880pps for 10Mbps	Dimension	217mm (W) x 140mm (D) x 43mm (H)
	148,800pps for 100Mbps	EMI	Compliance with FCC Class A, CE
	1,488,000pps for 1000Mbps	Safety	Compliance with UL, cUL
Protocol	CSMA/CD	Warranty	2 years
LED	Per RJ-45 port, 100/1000,Link/Activity,Full duplex/Collision Per Mini GBIC ,Link/Activity Per unit: Power	Software Specification	
Network Cable	10Base-T: 2 pair UTP/STP CAT. 3,4,5 cable EIA/TIA-568 100-ohm (100m)	Port Trunk	Supports IEEE802.3ad with LACP function. Up to 4 and maximum trunk port member up to ports,
	100Base-T: 2 pair UTP/STP CAT. 5 cable EIA/TIA-568 100-ohm (100m)	Spanning Tree	iEEE802.1d Spanning tree IEEE802.1w Rapid spanning tree
	Gigabit Copper: 4 pair UTP/STP CAT. 5 cable EIA/TIA-568 100-ohm (100m)	VLAN	Port based VLAN, VLAN groups up to 256
Power	Internal power AC 100~240V 50~60Hz.	Class of Service	per port provides 4 priority queues
LED	Per unit: System Power (Green) 1000Base-T Port: Speed (1000Mbps Green), Link/Activity (Green), Mini-GBIC: Link/Activity (Green)	Quality of Service	Port based, Tag based, IPv4 Type of service.
Power Supply	AC 100 ~240V, 50/60Hz	Flow control	Flow control for Full-duplex and Back Pressure for Half-duplex.
Power Consumption	3.75 Watts. (Maximum)	User Authentication	Support IEEE802.1x Authentication / RADIUS
Operating Temperature	0°C to 45°C (32°F-113°F)	DHCP	Support DHCP Client feature
		Firmware update	Support Web UI firmware update

*Future Release
**Optional

ORDERING INFORMATION

- **LGS-1108C.....P/N: 8370-700**
8 10/100/1000 with 1 10/100/1000T/ Mini-GBIC Combo Web-Smart Switch

OPTIONAL ACCESSORIES

Mini GBIC (SFP)

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|--|--|
| ■ 8330-162 MINI GBIC 1000SX (LC/0.5km) Transceiver | ■ 8330-188 LTSFP-1000BX-10KM Transceiver (WDM 1310) |
| ■ 8330-163 MINI GBIC 1000SX2 (LC/2km) Transceiver | ■ 8330-189 LTSFP-1000BX-10KM Transceiver (WDM 1550) |
| ■ 8330-165 MINI GBIC 1000LX (LC/10km) Transceiver | ■ 8330-186 LTSFP-1000BX-20KM Transceiver (WDM 1310) |
| ■ 8330-166 MINI GBIC 1000LHX (LC/40km) Transceiver | ■ 8330-187 LTSFP-1000BX-20KM Transceiver (WDM 1550) |
| ■ 8330-169 MINI GBIC 1000XD (LC/60km) Transceiver | ■ 8330-180 LTSFP-1000BX-40KM Transceiver (WDM 1310) |
| ■ 8330-167 MINI GBIC 1000ZX (LC/80km) Transceiver | ■ 8330-182 LTSFP-1000BX-40KM Transceiver (WDM 1550) |
| ■ 8330-168 MINI GBIC 1000T (100m) Transceiver | ■ 8330-181 LTSFP-1000BX-60KM Transceiver (WDM 1310) |
| ■ 8330-170 MINI GBIC 1000EZ (120m) Transceiver | ■ 8330-183 LTSFP-1000BX-60KM Transceiver (WDM 1550) |
| ■ 8330-061 100Base LX 30KM, Single-mode, LC Transceiver | ■ 8330-184 LTSFP-1000BX-80KM Transceiver (WDM 1490) |
| ■ 8330-060 100Base FX 2KM, Multi-mode, LC Transceiver | ■ 8330-185 LTSFP-1000BX-80KM Transceiver (WDM 1550) |

Lantech Communications Global Inc.
www.lantech.com.tw
info@lantech.com.tw

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