

LGS-1104

4 10/100/1000T + 1 mini GBIC Web Managed Switch

- Supports Spanning Tree and Rapid Spanning Tree
- Port Based VLAN, Tag VLAN
- Web Management
- Flow Control Full Duplex



OVERVIEW

Lantech LGS-1104 is a Web Management switch with 4 10/100/1000T ports and one mini GBIC 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-1104, which supports port based VALN, VALN Tag and port trunk features. LGS-1104 also supports CoS to

improve the security and performance of the network.

Lantech LGS-1104 is the best solution for the user in aspect of easy management and price concern. It provides basic management functions and a relatively economic price to fulfill your needs.

FEATURES & BENEFITS

- Conforms to IEEE 802.3, 802.3u, 802.3ab, 802.3x and 802.1x
- Web Management
- DHCP client
- Auto-MDIX on all ports
- 10Gbps back-plane
- N-Way Auto-Negotiation
- Port Based VLAN, Tag VLAN
- Port Trunk
- Firmware update via Web UI
- 8K MAC address table
- Back pressure half duplex
- Flow control full duplex
- Store-and-Forward switching architecture
- 112Kbytes memory buffer
- True non-blocking switching
- Class of Service
- 8K Jumbo Frame support
- Spanning Tree and Rapid Spanning Tree

SPECIFICATION

Hardware Specification		Connector	Gigabit copper: 4 x RJ-45 with Auto-MDIX MINI GBIC: 1 x MINI GBIC socket (3.3v)
IEEE Standard	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000Base-T IEEE 802.3z Gigabit Fiber IEEE 802.3x Flow Control and Back-pressure IEEE 802.1w Rapid Spanning Tree IEEE 802.3ad Port trunk with LACP IEEE 802.1p Class of Service IEEE 802.1x user authentication	MAC Address	8K Mac address table
Protocol	CSMA/CD	Packet buffer	112Kbytes embedded
Technology	Store-and-Forward switching architecture	Jumbo packet	Support 8Kbytes jumbo frame
Transfer Rate	14,880 pps for 10Mbps 148,800 pps for 100Mbps 1,488,000 pps for 1000Mbps	ROM	512Kbytes
		RAM	32Kbytes
		Network Cable	10BASE-T: 2-pair UTP/STP Cat. 3, 4, 5, 6 cable EIA/TIA-568 100-ohm (100m) 100BASE-TX: 2-pair UTP/STP CAT. 5, 6 cable EIA/TIA-568 100-ohm (100m) Gigabit Copper: 4 pair UTP/STP CAT. 5, 6 cable EIA/TIA 568 100-ohm (100M)
		Backplane	10Gbps
		LED	AC 100 ~240V, 50/60Hz

Power Supply	External power DC 12V/0.8A	DHCP	Supports DHCP client feature
Power Consumption (DC)	Watt (maximum)	Quality of Service	Supports port based, Tag based and IPv4 ToS
Operating Temperature	0°C to 45°C (32 F to 113 F)	Class of Service	Per port support 4 priority queues
Operation Humidity	10% to 90% (Non-condensing)	Spanning Tree	Supports IEEE802.1 w rapid spanning tree and compatible with IEEE 802.1d
Dimension	165 x 100 x 32.5 mm (LxWxH)	Broadcast Storm	Disable, 5%, 10%, 20%
EMI	FCC Class A, CE	Firmware update	Web UI firmware update
Warranty	2 years	System default	Support one default button for system default Default IP: 192.168.16.1; Gateway: 192.168.16.254; Subnet Mask: 255.255.255.0
Software Specification		Port Trunk	Supports IEEE802.3ad port trunk with link aggregation control protocol (LACP) The trunk group up to 2 and maximum trunk port member up to 2 ports.
Management	Web Management	VLAN	Port Based VLAN VLAN ID up to 5. VLAN !lroup up to 5
Firmware update	Web UI firmware update		
System default	Support one default button for system default Default IP: 192.168.16.1; Gateway: 192.168.16.254; Subnet Mask: 255.255.255.0		
Port Trunk	Supports IEEE802.3ad port trunk with link aggregation control protocol (LACP) The trunk group up to 2 and maximum trunk port member up to 2 ports.		
VLAN	Port Based VLAN VLAN ID up to 5. VLAN !lroup up to 5		

*Future Release
**Optional

ORDERING INFORMATION

- **LGS-1104.....P/N: 8370-145**
4 10/100/1000T + 1 Mini-GBIC Web Managed Switch

OPTIONAL ACCESSORIES

Mini GBIC (SFP)

- | | |
|--|--|
| ■ 8330-162 MINI GBIC 1000SX (LC/0.5km) Transceiver | ■ 8330-061 100Base LX 30KM, Single-mode, LC Transceiver |
| ■ 8330-163 MINI GBIC 1000SX2 (LC/2km) Transceiver | ■ 8330-188 LTSFP-1000BX-10KM Transceiver (WDM 1310) |
| ■ 8330-165 MINI GBIC 1000LX (LC/10km) Transceiver | ■ 8330-189 LTSFP-1000BX-10KM Transceiver (WDM 1550) |
| ■ 8340-0591 MINI GBIC 1000LHX (LC/40km) Transceiver | ■ 8330-186 LTSFP-1000BX-20KM Transceiver (WDM 1310) |
| ■ 8330-166 MINI GBIC 1000XD (LC/50km) 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) |
| ■ 8330-170 MINI GBIC 1000EZ (120km) Transceiver | ■ 8330-181 LTSFP-1000BX-60KM Transceiver (WDM 1310) |
| ■ 8330-168 MINI GBIC 10/100/1000T (100m) Transceiver | ■ 8330-183 LTSFP-1000BX-60KM Transceiver (WDM 1550) |
| ■ 8330-060 100Base FX 2KM, Multi-mode, LC Transceiver | ■ 8330-184 LTSFP-1000BX-80KM Transceiver (WDM 1490) |
| ■ 8330-065 100Base FX 5KM, Multi-mode, LC Transceiver | ■ 8330-185 LTSFP-1000BX-80KM Transceiver (WDM 1550) |

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