

# 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 VLAN, VLAN 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 cable EIA/TIA-568 100-ohm (100m) 100BASE-TX: 2-pair UTP/STP CAT. 5 cable EIA/TIA-568 100-ohm (100m) Gigabit Copper: 4 pair UTP/STP CAT. 5 cable EIA/TIA 568 100-ohm (100m)
		Backplane	10Gbps
		LED	AC 100 ~240V, 50/60Hz

Datasheet Version 1.0

Power Supply	External power DC 12V/0.8A		VLAN ID up to 5. VLAN !rroup up to 5
Power Consumption (DC)	Watt (maximum)	DHCP	Supports DHCP client feature
Operating Temperature	0°C to 45°C (32°F to 113°F)	Quality of Service	Supports port based, Tag based and IPv4 ToS
Operation Humidity	10% to 90% (Non-condensing)	Class of Service	Per port support 4 priority queues
Dimension	165 x 100 x 32.5 mm (LxWxH)	Spanning Tree	Supports IEEE802.1 w rapid spanning tree and compatible with IEEE 802.1d
EMI	FCC Class A, CE	Broadcast Storm	Disable, 5%, 10%, 20%
Safety	UL, cUL	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
<b>Software Specification</b>			
Management	Web Management	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.
Firmware update	Web UI firmware update	VLAN	Port Based VLAN VLAN ID up to 5. VLAN !rroup up to 5
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		

\*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)

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

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