

LGS-2424C

24 10/100/1000TX with 4 mini GBIC Combo SNMP Managed Switch

- Supports Spanning Tree / Rapid Spanning Tree
- Supports IGMP Snooping v1, v2
- SNMP v1/ Web/ telnet/ CLI Management
- TFTP Firmware Update and System Configure



OVERVIEW

Lantech LGS-2424C is a 24-ports 10/ 100/ 1000 TX plus 4 mini GBIC slots switch and is an ideal solution for solving traffic block at the core of the network. It offers 24x auto-negotiation 10/ 100/ 1000Base-T Gigabit Ethernet ports that can significantly improve your network backbone performance and it also provides 4 mini GBIC Gigabit port for gigabit fiber network

connection. The SNMP/ Web management feature includes VLAN, GVRP and IGMP snooping function through Web/ SNMP/ Console interface for easy management of network. The built-in bandwidth control function is the best to implement at internet cafe, mid-large enterprise and campus networks.

FEATURES & BENEFITS

- Conforms to IEEE 802.3, 802.3u, 802.3ab and 802.3x
- IGMP Snooping v1, v2
- Auto-MDIX on all ports
- 48G bps back-plane
- N -Way Auto-Negotiation
- Port Based VLAN , Tag VLAN
- Port Trunk with LACP
- TFTP Firmware Update and System Configure
- 10K Jumbo Frame support
- 8K MAC address table
- Back pressure half duplex
- Flow control full duplex
- Store-and-Forward switching architecture
- 500Kbytes memory buffer
- True non-blocking switching
- Quality of Service
- Port Mirror
- Spanning Tree / Rapid Spanning Tree
- SNMP Trap:
 - Device cold start
 - Port Link up/ Link down
- Support Bandwidth Control
- Security Management

SPECIFICATION

Hardware Specification		
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 802.1d Spanning Tree, IEEE 802. s Rapid Spanning Tree, IEEE 802.3ad Port trunk with LACP	MIN I GBIC: 4 x MINI GBIC socket (3.3v); shared with last 4-port RJ-45
Protocol	CSMA/ CD	MAC Address
Technology	Store-and-Forward switching architecture	Memory buffer
Transfer Rate	14,880 pps for 10Mbps, 148,800 pps for 100Mbps, 1,488,000 pps for 1000Mbps	Jumbo packet
Connector	Gigabit copper: 24 x RJ-45 with Auto-MDIX	ROM
		RAM
		Network Cable
		Backplane

Datasheet Version 1.0

LED	Per RJ-45 port: 100/ 1000 (green), Link/ Activity (green) Per MINI GBIC: Link/ Activity (Green) Per unit: Power	Port Trunk	Supports IEEE802.3ad port trunk with link aggregation control protocol(LACP) The trunk group up to 8 and maximum trunk port member up to 24 ports
Ventilation	1 x 40mmx40mm DC fan	Port statistics	Supports several of counters for RX packet
Power Supply	AC 100~240V, 50/ 60Hz , 1A (Max.)	VLAN	Supports port based VLAN , tag VLAN . The VLAN entry up to 255 and VID up to 4094
Power Consumption(DC)	17.9Watt (maximum)	Quality of Service	Supports port based, Tag based, IPv4 ToS and IPv4 Different Service
Case Dimension	440mm(W) x161mm (D) x44mm (H)	Class of Service	Support IEEE802.1p class of service, and per port provides 4 priority queues
Operating Humidity	10%~90% (Non-condensing)	Spanning Tree	Supports IEEE802.1w rapid spanning tree and compatible with IEEE 802.1d
Operating Temperature	Standard: 0°C~45°C	Port Mirror	Supports RX packet mirror
Storage Temperature	-40°C~70°C	IGMP	Supports IGMP V1, V2
EMI	FCC Class A, CE	SNMP Trap	Up to 1 Trap stations; Cold start, port link up, port link down
Safety	UL, cUL , CE/ EN 60950-1	Bandwidth Control	Per port support Bandwidth Control
Warranty	2 years	Security	IP security ; Login security
Software Specification			
Management	SNMP v1/ Web/ telnet/ CLI Management		
Firmware update	Support Web/ TFTP/ X-modem firmware update, TFTP back and restore		
Port configuration	Port enable/ disable, port speed, full / half duplex and flow control		

*Future Release
**Optional

ORDERING INFORMATION

- **LGS-2424C.....P/N: 8370-502**
24 10/100/1000T with 4 MINI GBIC Combo SNMP managed switch

OPTIONAL ACCESSORIES

Mini GBIC (SFP)

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

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