

LMX-3228G-10G-SFP Series

32-Port Industrial Gigabit Managed Ethernet Switch, with 4*10/100/1000Tx RJ45 Ports, 24*100/1000 SFP Slots, and 4*1G/10G SFP+ Slots



Features

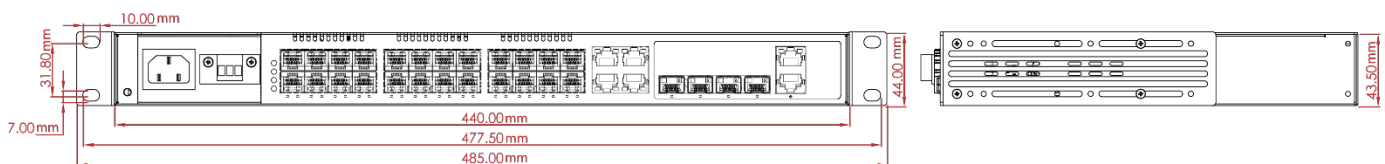
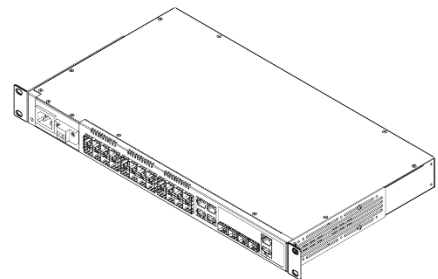
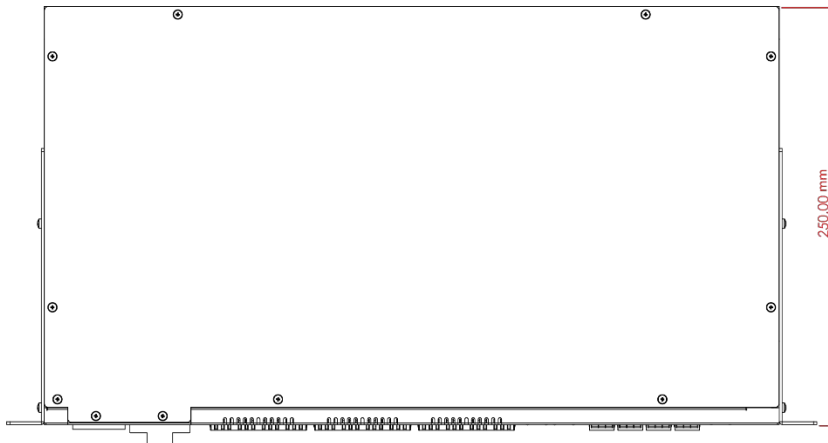
- ▶ Provides 4*10/100/1000 RJ45 Ports, 24*100/1000 SFP Slots, and 4*1G/10G SFP+ Slots
- ▶ Remote Port Configuration Setting and Statistics Monitoring
- ▶ Broadcast/Multicast/Unknown Unicast Storm Control
- ▶ Configuration: Web Console, Telnet, CLI Command
- ▶ IP Multicast with IGMP Snooping / Query / Fast Leave / Filtering / Group Limited / MVR
- ▶ QoS (IEEE 802.1p)
- ▶ IEEE802.1Q VLAN for Easy Network Planning
- ▶ IEEE802.1X, SNMP v1/v2/v3
- ▶ Local Syslog Information can be Downloaded
- ▶ Link Aggregation for More Throughput
- ▶ Support Port Mirroring for Online Diagnostic
- ▶ 1U Rackmount Design
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' LMX-3228G-10G-SFP Series is a 32-port industrial managed Ethernet switch embedded with 24*gigabit SFP slots, 4*10G SFP+ slots, and 4*10/100/1000Tx RJ45 ports. This switch provides VLAN, QoS, and IGMP feature sets, as well as robust security management to facilitate service provider's build out of a manageable and secure network. This series has five different power supply models (single or dual AC / DC) made for different needs in the application.

The LMX-3228G-10G-SFP is designed for rack-mount installation. It is suitable as a backbone fiber aggregation switch. This product is ideal for supporting applications that require high-density port connections, such as security surveillance, traffic monitoring systems, facility management in power/utility, water wastewater treatment plants and oil/gas/mining.

DIMENSIONS



SPECIFICATIONS

Technology		Switch Properties	
L2 Switching	Auto MAC address learning/aging, Per port limited MAC address learning, IEEE 802.1Q static VLAN (4K VLAN groups), Voice VLAN, Port isolation, Private VLAN, MAC based VLAN protocol based VLAN IP subnet based VLAN, IEEE 802.1D STP/802.1w RSTP/802.1s MSTP, IEEE 802.3ad Link Aggregation, static and LACP, BPDU guard and restricted role, Error Disable Recovery, DHCP client, DHCP snooping, DHCP option 82 relay, ARP inspection (256 entries Max.), Port mirroring, RSPAN, IGMP snooping v1,v2,v3 snooping, (1024 groups), IGMP snooping Fast and Immediate leave, IGMP throttling, filtering, and leave proxy, MVR and MVR profile, IPv6 MLD v1/v2 snooping	Switch Architecture	Back-Plane (Switching Fabric): 136Gbps
		Processing Type	Store and Forward
		Transfer Rate	14,880pps for 10Base-T Ethernet 148,800pps for 100Base-T Fast Ethernet 1,488,000pps for Gigabit Ethernet 14,880,000pps for 10 Gigabit Ethernet
		Packet Buffer	32Mbits
		Jumbo Frame	10K
QoS	IEEE 802.1p 8 Priority Queues per Port, Port Based priority, Scheduler priority, QoS Control List (256 entries Max.), Storm control for UC, MC, and BC, Per port/per queue based ingress policing and egress shaping, DiffServ (RFC 2474) remarking, Tag remarking	MAC Table Size	32K
		Configuration	Web Console, CLI
		Port Interface	
Protocols	HTTP server, CLI console port, Telnet CLI, Management access filtering, SSHv2 and HTTPS, IPv6 Management, Syslog, Software upload through Web and TFTP, SNMPv1/v2c/v3 Agent, RMON Group 1,2,3, and 9, IEEE 802.1AB-2005 Link Layer Discovery, LLDP, Text Configuration download or upload, Daylight Saving	Ethernet RJ45 Port	4*10/100/1000BaseTx Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
		SFP Port	24*100/1000Base Tx SFP slots 4*1G/10G SFP+ slots
		Wavelength	Refer to SFP Modules
		Mechanical Characteristics	
		LED Indicator	Per Port: Link/Act (Green: Gigabit, Yellow: 10/100M) Per Unit: Power and System
Security	Port-based 802.1X, Single 802.1X, Multiple 802.1X, MAC-based authentication, VLAN assignment, QoS assignment, Guest VLAN, RADIUS accounting, MAC address limited learning, TACACS+, Web and CLI authentication and authorization, ACL rules based on L2~L4 information, IP source guard	Housing	Metal Housing
		Dimension	440 x 250 x 43.5mm
		Weight	Unit: 7.28 lbs. Shipping: 9.48 lbs.
		Mounting	1U Rack-Mount
		Power Requirement	
		Input Voltage	Depends on model AC Power Input: 100V~240V DC Power Input: -35~-60VDC
		Power Connection	AC Power Cable
		Power Consumption	60W Max
		Environmental Limits	
		Operating Temperature	0°C to 50°C
		Storage Temperature	-25°C ~ 70°C
		Ambient Relative Humidity	10% to 90%, (non-condensing)
		Regulatory Approvals	
		Warranty	5 Years

ORDERING INFO

LMX-3228G-10G-SFP-AC	32-Port Industrial Gigabit Managed Ethernet Switch, with 4*10/100/1000 RJ45 Ports, 24*100/1000 SFP Slots, and 4*1G/10G SFP+ Slots with Single AC Power Supply
LMX-3228G-10G-SFP-DC	32-Port Industrial Gigabit Managed Ethernet Switch, with 4*10/100/1000 RJ45 Ports, 24*100/1000 SFP Slots, and 4*1G/10G SFP+ Slots with Single DC Power Supply (-48V)
LMX-3228G-10G-SFP-AA	32-Port Industrial Gigabit Managed Ethernet Switch, with 4*10/100/1000 RJ45 Ports, 24*100/1000 SFP Slots, and 4*1G/10G SFP+ Slots with Dual AC Power Supply
LMX-3228G-10G-SFP-DD	32-Port Industrial Gigabit Managed Ethernet Switch, with 4*10/100/1000 RJ45 Ports, 24*100/1000 SFP Slots, and 4*1G/10G SFP+ Slots with Dual DC Power Supply (-48V)
LMX-3228G-10G-SFP-AD	32-Port Industrial Gigabit Managed Ethernet Switch, with 4*10/100/1000 RJ45 Ports, 24*100/1000 SFP Slots, and 4*1G/10G SFP+ Slots with AC and DC (-48V) Power Supply