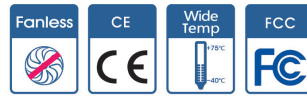


Product Information

MX6024GL Series

Compliant with IEC61850-3 and IEEE1613
**24G-Port Rackmount Layer 3 Full Gigabit Managed
Ethernet Switches**



Features

- ❖ Supports RIP, OSPF, layer 3 routing protocols
- ❖ 24 Gigabit Ethernet ports
- ❖ Up to 8 optical fiber connections (SC/ST)
- ❖ Fanless, -40 to +85°C operating temperature range
- ❖ Universal 110/220VADC power supply range

Introduction

The MX6024GL is a high-performance Layer 3 Ethernet switch designed for network routing. The improved hardware technology built into the MX6024GL replaces the software logic used by traditional routers, offering better performance, and making the switch ideal for large scale local area networks (LANs). In addition to Layer 3 features, the MX6024GL also supports advanced management and security features, in order to meet the demands of any industrial application.

Specifications

Technology		Switch Properties	
Standard :	IEEE802.3, 802.3u, 802.3z, 802.3ab,	L3 Host table :	4K
Processing Type :	Store and forward	MAC Table Size :	16K
Broadcast Storm :	Automatic Broadcast Storm Control	Priority Queues :	4
Management :	by Web Browser	Max. Number VLANs :	64
RingOn :	Recovery Time within 15ms	VLAN ID Range :	VID 1 to 4094
Flow Control :	IEEE802.3x Flow Control, Back Pressure Flow Control	IGMP Groups :	256
Protocols :	IGMP Snooping, GMRP, SNMPv1/v2c/v3, DHCP Client, HTTP, HTTPS, Telnet, NTP Client	Interface	
Software functions :	L3 Functions	RJ45 Port :	10/100/1000M Auto-Negotiation, Full/Half Duplex, Auto-MDI/MDIX
	<ul style="list-style-type: none"> • Static IP routing • OSPFv1/v2 • RIPv1/v2 • VRRP • IGMP v2/v3 Multicast Listener Protocol • Firewall , NAT and port mapping • File sharing based on the SAMBA service • FTP service based on STUPID-FTP • SSH secure access service based on OPENSSSH • Add access, control WEB 	Fiber Port :	100BaseFX ports (SC/ST connector)
	L2 Functions	LED Indicators :	Power, Port Status, 10/100/1000M
	<ul style="list-style-type: none"> • IEEE 802.1Q Static VLAN and VLAN Label • Link Layer Management Protocol (LLDP) • IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) • IGMP SNOOPING • RingOn™ Redundant Technology, recovery time <15ms • RingOpen Redundancy 	Console port :	DB9 male
	Management Tools	Output Warning :	Relay, Standard 2 Pin
	<ul style="list-style-type: none"> • Web Interface (HTTP and HTTPS) • Console port and Command Line Interface(CLI) controlled by SSHv2 • SNMPv1/v2c/v3 • Flexible configuration and log file management • Managing local file through HTTP, FTP, TFTP and SCP • Syslog(System log file and remote syslog server) • Sntp(NTP Client) • Software Online Upgrading 	Power Requirements	
		Input Voltage :	120~370VDC @ 30W MAX 85~265VAC @ 30VA MAX
		Input Connection :	Grid panel terminal blocks Standard 4 pin input connection (optional)
		Physical Characteristics	
		Case :	Slim Metal Case, IP40 Design
	Dimensions :	443×44×310mm	
	Installation :	Rack mounting	
	Optical Fiber		
	Mode	Multi-mode	Single Mode
	Transmission Distance	2km	20km
	Centre Wavelength	1310nm	1310nm
	Cable Size	62.5/125um	9/125um
	TX Power(dBm)	-20~-10dBm	-15~-8dBm
	RX Power(dBm)	< -32dBm	< -32dBm
	Transmission Rate	100Mbps	100Mbps
	Environment Limits		
	Operating Temp. :	Wide Temp. Models: -40 to 85°C	
	Storage Temp. :	-40 to 85°C	
	Ambient Relative Humidity :	5 to 95%(Non-condensing)	

Ordering Information

MX6024GL Series

MX6024GL-VHW	Layer 3 Rackmount Managed, 24 x Gigabit Copper Port, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6024GL-8SC-VHW	Layer 3 Rackmount Managed, 16 x Gigabit Copper Port, 8 x 100Mbps Multi-Mode Fiber Port with SC Connectors, 2km, Multi Mode Dual Fiber, SC Interface, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6024GL-8SSC-VHW	Layer 3 Rackmount Managed, 16 x Gigabit Copper Port, 8 x 100Mbps Single-Mode Fiber Port with SC Connectors, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6024GL-8ST-VHW	Layer 3 Rackmount Managed, 16 x Gigabit Copper Port, 8 x 100Mbps Multi-Mode Fiber Port with ST Connectors, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6024GL-8SST-VHW	Layer 3 Rackmount Managed, 16 x Gigabit Copper Port, 8 x 100Mbps Single-Mode Fiber Port with ST Connectors, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC