

MISCOM6026

26x100M ports rack-mount Layer 2 Enhanced Industrial Ethernet Switch

Product description

MISCOM6026 series layer 2 Enhanced industrial Ethernet switch is an industrial Ethernet communication product developed by Maiwe for industrial communication. The product uses high-performance industrial-grade switch chip. MISCOM6026 series switches support 1x10*100M optical interface + 24x10*100M RJ45 interfaces or 2x10*100M optical interfaces + 24x10*100M RJ45 interfaces, and have AC220V/DC110V(85-264VAC/110-370VDC) industrial power input function, which can improve the stability of network communication and save wiring.



Features:

- Support 1x100M FX port+24x10/100M RJ45 ports or 2x100M FX ports+24x10/100M RJ45 ports
- Support status display with front and back side indicator and fiber indicator light
- Support MW-Ring patent redundancy technique (failure recovery time <20ms)
- Support static multicast filtering, IGMP Snooping
- Supports broadcast storm suppression and port rate control
- Support independent dual redundant power supply
- Support power off, fiber off, storm and other status relay alarm output;
- Support managed function such as VLAN, QoS, Trunking, and port mirroring
- Wide temperature range design, fanless thermal design
- Meet the IEC61850-3 design standard

Product specification

Software function

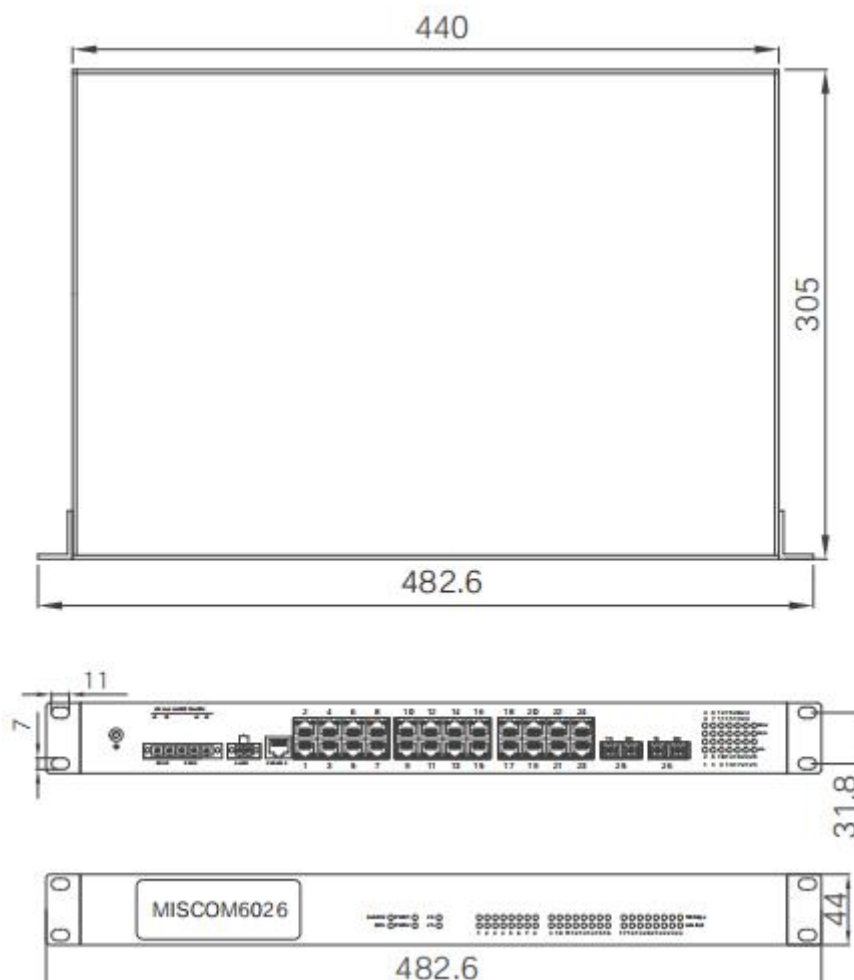
Switch Properties	Supports Rate limit, Trunking, flow control, VLAN, IEEE 802.1Q VLAN and broadcast storm suppression
Redundancy Protocols	Support MW-Ring patent redundancy technique (failure recovery time <20ms) Support STP/RSTP
Multicast	IGMP Snooping and static multicast filtering
Security	Support IEEE 802.1x, HTTP, RADIUS, user grading and MAC address binding
Service quality management	Supports SP and WRR queuing. Support QoS setting
IP address management	Support DHCP server
Management and maintenance	-Support CLI, LLDP, SNMPv4; Supports Console, Web management methods Support SNMPv1/v2c, ACL Support software updating Support the IP/MAC address conflict alarm Support power off, power alarm, port alarm Support port mirroring; Support log viewing Support Link-check and NTP Support accept and transfer frame statistics

Technical parameters

Protocol Standard	IEEE802.3(Ethernet) / IEEE802.3u (100Base-TX &100Base-FX) / IEEE802.3x (Flow control) / IEEE802.3ab (1000Base-T) / IEEE802.3z(1000Base-LX) / IEEE802.1D(STP) / IEEE802.1w (RSTP) / IEEE802.1Q (VLAN) / IEEE802.1p (Priority) / IEEE802.1x(Access control)
Switch capability	
Priority Queues	4
VLAN Number	4096
IGMP Multicast group	256
MAC Table Size	8k
Backplane bandwidth	8.8Gbps
Switch Delay	<5μs
Interface	
100M ports	Port numbers: 26
	Connector: 1×9 fixed fiber port (single/ multi-mode optional, SC/FC/ST interface)& RJ45 100M RJ45 port
	Baud rate: 100Base-FX (optical port), Self-adaption 10/100MBase-TX
Console port	RS232, RJ45
Power-line terminal	5 bits 5.08mm pitch plug-in terminal
Terminal block for power input	3 bits 5.08mm pitch plug-in terminal, 1A@24VDC
Communication distance	
Twisted-pair	100m(CAT5/CAT5e cable)
Multi-mode fiber	100M multi-mode: 1310nm,2km
Single-mode fiber	100M single-mode:1310nm, 20/40km; 1550nm, 60/80km
LED indicator lights	
Front panel LED lights	Port light: LINK/ACT; SPEED
	System work light: RUN
	Power status light: PWR1, PWR2
	Alarm light: ALARM
Back panel LED lights	RJ45 Port light: LINK/ACT;SPEED
	Fiber light: LINK/ACT
Power	
Input power	AC/DC220V(85-264VAC/110-370VDC)
Input current	0.25A@110VAC/VDC

Power consumption	<30W@(MAX)
Overload protection	Support
Reverse protection	Support
Redundancy protection	Support
Working Environment	
Operating Temperature	-40°C~85°C
Storage temperature	-45°C~85°C
Ambient Humidity	5%~95%(RH)
Physical Characteristics	
Shell	IP40 protection, aluminum alloy shell
Installation	Standard 19-inch rack mounting, support front and rear outgoing line installation
Dimension	482.6mm×44mm×305mm (W×H×D)
Industry standard	
EMC	EN61000-4-2(ESD), Level 4 EN61000-4-3(RS), 4 EN61000-4-4(EFT), Level 4 EN61000-4-5(Surge), Level 4 EN61000-4-6(CS), Level 4 EN61000-4-8, Level 5
Impact	IEC60068-2-27
Falling	IEC60068-2-32
Shock	IEC60068-2-6
Warranty	
Warranty	5 Years
Certification	
Certification	CE, FCC, RoHS

Dimensional drawing



Rack mounting (unit: mm)

Ordering information

MISCOM6026-M-SC02-AD220	1x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/DC110~370V isolate power supply.Multi-mode,SC connector, 2KM
MISCOM6026-M-ST02-AD220	1x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/DC110~370V isolate power supply.Multi-mode,ST connector, 2KM
MISCOM6026-M-FC02-AD220	1x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/DC110~370V isolate power supply.Multi-mode,FC connector, 2KM
MISCOM6026-2M-SC02-AD220	2x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/DC110~370V isolate power supply.Multi-mode,SC connector, 2KM
MISCOM6026-2M-ST02-AD220	2x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/DC110~370V isolate power supply.Multi-mode,ST connector, 2KM
MISCOM6026-2M-FC02-AD220	2x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/DC110~370V isolate power supply.Multi-mode,FC connector, 2KM
MISCOM6026-S-SC20-AD220	1x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/DC110~370V isolate power supply.Single-mode,SC connector, 20KM

MISCOM6026-S-ST20-AD220	1x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Single-mode,ST connector, 20KM
MISCOM6026-S-FC20-AD220	1x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Single-mode,FC connector, 20KM
MISCOM6026-2S-SC20-AD220	2x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Single-mode,SC connector, 20KM
MISCOM6026-2S-ST20-AD220	2x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Single-mode,ST connector, 20KM
MISCOM6026-2S-FC20-AD220	2x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Single-mode,FC connector, 20KM