

CISCOM6026-2F

26-Port Layer 2 Managed Rack Mount Industrial Ethernet Switch



- 2 × 100Base-FX ports, 24 × 10/100Base-T(X) RJ45 ports
- MW-Ring (recovery time < 20 ms @ 200 switches), ERPS, STP/RSTP, MRP for network redundancy
- Support single or dual AC85V~264V / DC110V~370V power input optional, and dual inputs support power redundancy
- With IP40 high-strength metal casing, fanless heat dissipation
- -40°C ~ +75°C operating temperature range

Product Description

The CISCOM6026-2F is a high-performance 26-port Layer 2 100M managed rack-mount industrial Ethernet switch engineered for dependable networking in challenging industrial environments. Designed to deliver stable and efficient data transmission, it integrates 2×100Base-FX fiber ports (multi/single-mode, SC/FC/ST connector options) and 24×10/100Base-T(X) ports, supported by a store-and-forward mechanism for smooth communication. Its robust build includes a 19-inch 1U rack-mount standard enclosure, a high-strength metal casing with fanless heat dissipation, and an operating temperature range from -40°C to +75°C, ensuring long-term reliability even in harsh conditions.

The switch offers intuitive web-based management and supports a wide range of network protocols, including MW-Ring, ERPS, STP/RSTP, MRP, VLAN, SVL, LACP, LLDP, SNMPv1/v2c/v3, RMON, QoS, 802.1X authentication, TACACS+, IGMP Snooping, GMRP, ACL, web/telnet/SSH access control, static aggregation, port mirroring, static MAC address binding, and advanced diagnostics. It also supports email logging, alarms, SNTP, system logging, and online upgrades. Rigorously tested for functionality, temperature tolerance, safety, and EMC compliance, the CISCOM6026-2F delivers secure, reliable performance in diverse and complex networks, making it an ideal choice for integrated energy systems, smart cities, rail transit, intelligent transportation, smart factories, and industrial automation.

Product Features

- Support rate limiting for broadcast, unknown multicast, and unknown unicast packets, as well as broadcast and multicast packet storm detection to prevent network storms.
- Support static link aggregation and LACP dynamic link aggregation to increase transmission bandwidth and improve link reliability.
- Support port mirroring to collect data at both ingress and egress ports for network detection and fault management.
- Support 802.1Q VLANs, providing access, trunk, and hybrid interfaces to easily divide multiple broadcast domains and enhance network security.
- Support multicast protocols such as IGMP Snooping and GMRP to reduce multicast data broadcasts on the network and conserve network resources.
- Support the LLDP to obtain LLDP neighbor information and monitor link status, facilitating topology management and fault location.
- Support ERPS Ethernet multi-ring protection technology, providing multi-ring networking, link backup, rapid convergence, and improved network stability.
- Support the RSTP spanning tree protocol, compatible with STP, to eliminate network loops and improve network reliability.
- Support the MRP media redundancy protocol, improving network reliability and achieving a reconfiguration time of $\leq 500\text{ms}$.
- Support web control, HTTP and HTTPS protocol access control, and login IP address restrictions.
- Support SNMPv1/v2c/v3 centralized management and SNMPv1/v2c/v3 TRAP information, supporting TRAP and proprietary TRAP.
- Support RMON remote network monitoring, generating statistics and alarms for various data frame types, enabling remote monitoring and management by network management systems.
- Support QoS to prioritize the transmission of voice, video, and critical data within network devices, alleviating network congestion.
- Support ACL access control lists, allowing for customizable filtering rules for multiple frame types, filtering or rate limiting specific packets.
- Support 802.1X port authentication for user authentication, providing local and RADIUS login authentication.
- Support loopback detection to prevent network loops and network storms.
- Support system log information recording, downloading, and classification, which can be output via the web page, log host, and console.

Technical Specifications

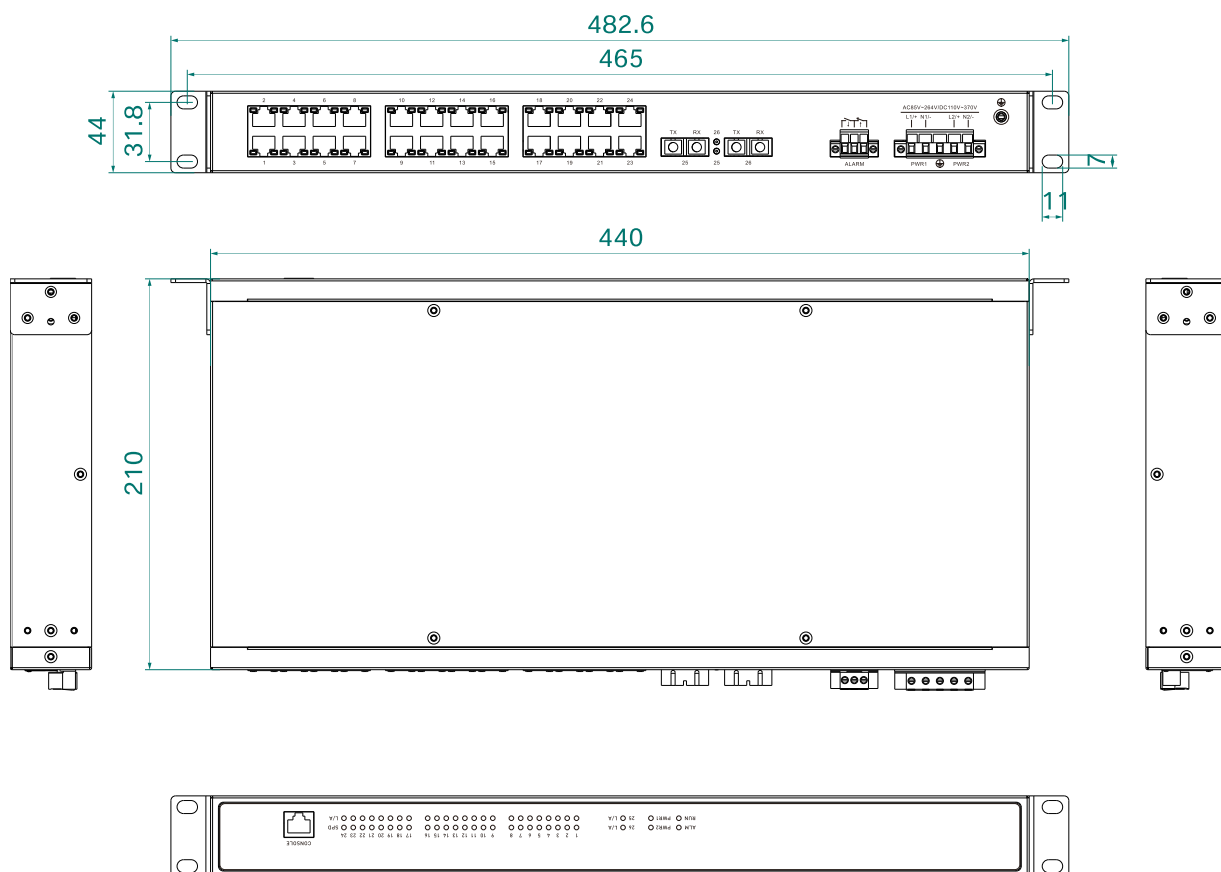
Software	
Switching	Support port configuration, port rate limiting, storm suppression, storm detection, port aggregation, LACP, and port statistics. Support 802.1Q VLAN, port isolation, and SVL configuration. Support MAC address aging and learning limits, static MAC address binding, and source MAC address filtering.
Redundancy	Supports MW-Ring proprietary ring network technology Supports ERPS Supports RSTP/STP Supports MRP
Multicast	Support IGMP Snooping Support static multicast MAC address binding Support unknown multicast filtering Support GMRP
Security Management	Support WEB, TELNET, and SSH access control Support ACL access control lists, 802.1X port authentication, and TACACS+ Support loopback detection, network storm/ring status/port alarms, and email logging
Management and Maintenance	Support QoS, SNMP v1/v2c/v3, SNMPv1/v2c/v3 TRAP, RMON, and LLDP. Support port mirroring, Ping, and line diagnostics. Support user permissions management, system logs, local/network time synchronization, and daylight saving time. Support online reboot, factory reset, system upgrades, and configuration file upload/download. Support MW-NMPv2, MixView, and MaxView management.
Switch Capability	
Processing Type	Store-and-Forward
Backplane Bandwidth	12.8Gbps
Buffer Size	4.1Mbit

MAC Table Size	8K
Interface	
100M Fiber Port	2 x 100Base-FX fiber ports (SC/FC/ST connectors, the transmission distance supports 1310nm multimode dual-fiber (2km) or 1310nm single-mode duplex fiber (20/40/60/80/100km optional).)
100M Copper Port	24 x 10/100Base-T(X) auto-sensing RJ45 ports, support full/half duplex and auto MDI/MDI-X
Relay	1*relay alarm output with 3-pin 5.08mm pitch locking terminal connectors
CONSOLE	1 Console port with RS232 signal using an RJ45 connector for device debugging
Status LED	Power indicator, operation indicator, alarm indicator, interface rate, and connection/activity status indicator.
Power Supply	
Input Voltage	AC85V~264V/DC110V~370V power input; single/dual power supply optional
Power Consumption	<9W@AC220V (full load)
Connection	5-pin 7.62mm pitch locking terminal connectors
Physical Characteristics	
Dimensions	482.6 × 44 × 210 mm (mounting clip included without connector)
Installations	19inch 1U Rack mount
IP Code	IP40
Weight	2.7kg
Working Environment	
Operating Temp	-40℃~+75℃
Storage Temp	-40℃~+85℃
Relative Humidity	5%~95% (non-condensing)
Industry Standard	

EMC	IEC 61000-4-2 (ESD): Level 4 IEC 61000-4-5 (Surge): Level 4 ※ Ethernet port supports 6kV lightning protection IEC 61000-4-4 (EFT): Level 4
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Dimensions

Unit: mm



Ordering Information

Standard Model	100M Fiber Port	10/100M Copper Port	Input Voltage
CISCOM6026-2F(M/S)-AD220	2	24	AC85~26/DC110~370V power input
CISCOM6026-2F(M/S)-2AD220	2	24	AC85~26/DC110~370V redundant inputs



Contact Us

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