

Highlights

- 4*2.5Gbps RJ45 ports and 2*10Gbps RJ45 ports
- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3z, IEEE 802.3ae, and IEEE 802.3x standards
- Ethernet Ports support 100M/1G/2.5G/5G/10Gbps self-adaptive
- Support automatic port flipping (Auto MDI/MDIX)
- The panel indicator LEDs will monitor the working status and assist in fault analysis
- Flow control method, full duplex adopts IEEE802.3x standard, and half duplex adopts Backpressure standard
- Support QoS data priority
- Support web management

DMS-F206XT 4-Port 2.5G and 2-Port 10G Web Managed Ethernet Switch

Features

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The DMS-F206XT is a high-performance multi-gigabit Ethernet switch designed to meet the demands of modern network environments. It features 4 × 2.5Gbps RJ45 ports and 2 × 10Gbps RJ45 ports, delivering exceptional bandwidth for high-speed data transmission. Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3z, IEEE 802.3ae, and IEEE 802.3x standards, it ensures seamless compatibility with a wide range of networking devices and applications.

Equipped with self-adaptive Ethernet ports supporting 100M/1G/2.5G/5G/10Gbps, the DMS-F206XT provides flexible connectivity to accommodate varying network speeds. It also supports Auto MDI/MDIX, eliminating the need for crossover cables and simplifying installation. The built-in indicator LEDs allow users to easily monitor port status and quickly identify network issues, streamlining maintenance and fault analysis.

The DMS-F206XT integrates advanced networking features such as IEEE 802.3x full-duplex flow control and Backpressure for half-duplex, ensuring stable and efficient data transmission. With QoS (Quality of Service) data prioritization, it optimizes traffic for latency-sensitive applications, while the intuitive web management interface enables simple configuration and control. This switch is ideal for high-speed LANs, small businesses, and power users who demand reliable, scalable, and easy-to-manage networking solutions.

Technical Specifications	
Hardware Features	
Interface	4*2.5Gbps RJ45 ports 2*10Gbps RJ45 ports
Port Standard	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab (Gigabit Ethernet) IEEE802.3z (Gigabit Ethernet Fiber Standard) IEEE802.3bz (2.5G Ethernet) IEEE 802.3ae (10Gbps Ethernet) IEEE802.3x (Flow Control)
Switching Bandwidth	60Gbps
Packet Forwarding Rate	44.64Mpps
Packet Buffer	8Mbit
MAC Address Table	4K
VLAN	VLAN range 1-4094, maximum active VLAN is 4K
Jumbo Frame	10K
Transmission Method	Store and Forward
Surge Protection	Port Surge: Common mode 4KV, Differential mode 1KV(Class B) Electrostatic ESD: Air 8KV, Contact 6KV(Class C)
Operating Temperature	0~40°C
Storage Temperature	-40~70°C
Operation Humidity	10%~90%, non condensing
Storage Humidity	5%~95%, non condensing
Power Supply	AC 100-240V 50/60Hz DC 12V1A
Mainboard Power Consumption	9.84W
Structure Information	Product Dimensions: 160*90*35mm Packaging Dimensions: 175*120*73mm Product Net Weight: 0.33KG Product Gross Weight: 0.47KG
Packing Information	Carton Dimensions: 520*385*205mm Packing Quantity: 20PCS Packing Weight: 10.08KG

Hardware Features	
Package Contents	Switch 1pcs, AC Adapter 1pcs, Manual 1pcs, Certificate of Inspection 1pcs
Fan Quantity	0
Installation	Desktop
PWR Green LED	On: Powered on Off: Powered off
Ports 1-4	Green LED on: 2.5Gbps Link normal Yellow LED on: 10/100/1000Mbps Link normal Off: Link blocked Flashing: Data transmitting
Ports 5-6	Green LED on: 10Gbps Link normal Yellow LED on: 1G/2.5/5Gbps Link normal Off: Link blocked Flashing: Data transmitting
Software Features	
L2 Function	
Port	Port Switch configuration Port Speed configuration Port Duplex configuration Port Flow Control configuration Jumbo Frame
Link Aggregation	Max. 4 members per group Static Group LACP Up to 2 groups

Software Features	
Storm Control	<ul style="list-style-type: none"> Boardcast suppression Multicast Unknown Multicast Unknown Unicast
Port Mirroring	Support
Loopback Detection	Support
Port Isolation	Support
Port Rate-limit	Support
VLAN	<ul style="list-style-type: none"> Access/Trunk/Hybrid Congurable VID from 1 - 4094;Max. 31 static VLAN groups
MAC Address	<ul style="list-style-type: none"> Dynamic MAC Address Static MAC address
Spanning Tree Protocol	<ul style="list-style-type: none"> STP/RSTP Edge Port
Multicast	<ul style="list-style-type: none"> IGMP Snooping Router Port Static IGMP Join IGMP V1/V2
QoS	<ul style="list-style-type: none"> Traffic classification, Supporting SP and WRR scheduling Port Priority Support up to 8 queues per port
Services	
Access Protocol	HTTP
Diagnostics	
Port Statistics	Support

Software Features	
Equipment Management	
Manager Access	HTTP
Manager IP	Static Address DHCP Client
User Management	Support
Firmware Management	Firmware upgrade
Configuration Management	Upload/Backup Configuration
Save	Support
Restart	Support
Factory Defaults	Support
<p>Standard Compliance</p> <p>IEEE 802.3x flow control and back pressure</p> <p>IEEE 802.1D Spanning Tree Protocol IEEE</p> <p>802.1w Rapid Spanning Tree Protocol IEEE</p> <p>802.1Q VLAN tagging</p> <p>RFC 768 UDP</p> <p>RFC 791 IP</p> <p>RFC 792 ICMP</p> <p>RFC 2068 HTTP</p> <p>RFC 1112 IGMP v1</p> <p>RFC 2236 IGMP v2</p>	