

Managed Non PoE+ Switch DES-46S4MGNP

24*10/100/1000M RJ45 ports+4*1000M combo ports Managed NoN PoE Switch

PoE port support AF/AT intelligent recognition, Standard power is 15.4W/port

Support QOS,STP/RSTP,IGMP,DHCP,SNMP,WEB,VLAN,ERPS etc



*ELEVATE YOUR CONNECTIVITY WITH
OUR LATEST NETWORK SWITCHES*



DES-46S4MGNP

24-Port GE, 4-Port GF SFP Slot Managed Switch

- ☆ 24*10/100/1000M RJ45 + 4*1000M Combo Port; Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3z standards;
- ☆ Support QOS, STP/RSTP, IGMP, DHCP, SNMP, WEB, VLAN, ERPS etc.
- ☆ 3 years warranty;

Introduction;

The DES-46S4MGNP is a Layer 2+ Gigabit managed switch with 24*10/100/1000Base-T RJ45 ports and 4*100/1000M combo uplink ports. The switch offers full L2+ management, supporting IPv4/IPv6, static routing, ACL, QoS, VLANs, and robust security features. It supports rapid network recovery (<50ms) with STP/RSTP/MSTP and ERPS (ITU-T G.8032), ensuring uninterrupted communication. Configuration is simple via a Web interface for traffic control, VLAN settings, SNMP, and more.

Technical Specifications;

Model	DES-46S4MGNP
Fixed Port	24*10/100/1000Base-T/TX ports (Data/Power) 4*combo ports (Data) 1 * RS232 console port (115200, N,8,1)
Ethernet Port	10/100/1000Base-T(X), Auto-Detection, Full/half duplex MDI/MDI-X self-adaption
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5e or later UTP (≤100 meter)
SFP Slot Port	Gigabit SFP optical fiber interface, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)

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Optical Cable	Multi-mode: 850nm 0 ~ 550M, single mode: 1310nm 0 ~ 40KM, 1550nm 0 ~ 120KM.
Network Management Type	L2+
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000base-X; IEEE802.3x
Forwarding Mode	Store and Forward
Switching Capacity	56Gbps (Non-blocking)
Forwarding Rate	26.78Mpps
MAC	8K
Buffer Memory	6M
Jumbo Frame	9.6K
LED Indicator	Power indicator: PWR (Green); Network indicator: 1-24(Link/Act)/ (Orange),25-32(Link/Act)/ (Green); SYS:(Green)
Reset Switch	Yes, One-button factory reset
Power Consumption	Standby<8W, Full Load<60W
Power Supply	Built-in power supply,
Operation TEMP / Humidity	-20~ +55°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~ +75°C, 5%~95% RH Non condensing
Dimension (L*W*H)	440*290*44.5mm
Net /Gross Weight	<4.5kg / <5kg
Installation	Desktop, 19-inch 1U cabinet
Protection	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-5(Lightning protection/Surge): Power:CM±4kV/DM±2kV; Port: ±4kV
Protection Level	IP30
Protection Certification	CCC, CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS

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Interface	<p>IEEE802.3X (Full-duplex)</p> <p>Port temperature protection setting</p> <p>Port green Ethernet Energy-saving setting</p> <p>Broadcast storm control based on port speed</p> <p>The speed limit of the message flow in the access port.</p> <p>The minimum particle size is 64Kbps.</p>
VLAN	<p>4K VLAN based on port, IEEE802.1q</p> <p>VLAN based on the protocol</p> <p>VLAN based on MAC</p> <p>Voice VLAN, QinQ configuration</p> <p>Port configuration of Access, Trunk, Hybrid</p>
Port Aggregation	<p>LACP, Static aggregation</p> <p>Max 9 aggregation groups and 8 ports per group.</p>
Spanning Tree	<p>STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)</p>
Industrial Ring Network Protocol	<p>G.8032 (ERPS), Recovery time less than 20ms</p> <p>250 Ring at most, Max 254 devices per ring.</p>
Multicast	<p>MLD Snooping v1/v2, Multicast VLAN</p> <p>IGMP Snooping v1/v2, Max 250 multicast groups, Fast log out</p>
Port Mirroring	<p>Bidirectional data mirroring based on port</p>
Qos	<p>Flow-based Rate Limiting</p> <p>Flow-based Packet Filtering</p> <p>8*Output queues of each port</p> <p>802.1p/DSCP priority mapping</p> <p>Diff-Serv QoS, Priority Mark/Remark</p> <p>Queue Scheduling Algorithm (SP, WRR, SP+WRR)</p>
ACL	<p>Port-based Issuing ACL, ACL based on port and VLAN</p> <p>L2 to L4 packet filtering, matching first 80 bytes message. Provide ACL based on MAC, Destination MAC address, IP Source, Destination IP, IP Protocol Type, TCP/UDP Port, TCP/UDP Port Range, and VLAN, etc.</p>
Security	<p>IP-MAC-VLAN-Port binding</p> <p>ARP inspection, Anti-DoS attack</p> <p>AAA & RADIUS, MAC learning limit</p> <p>Mac black holes, IP source protection</p> <p>IEEE802.1X & MAC address authentication</p> <p>Broadcast storm control, Backup for host datum</p> <p>SSH 2.0, SSL, Port isolation, ARP message speed limit</p> <p>User hierarchical management and password protection</p>

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DHCP	DHCP Client, DHCP Snooping, DHCP Server, DHCP Relay
Management	<p>One-key recovery Cable Diagnose, LLDP Web Management (HTTPS) NTP, System work log, Ping Test CPU instant utilization status view Console/AUX Modem/Telnet/SSH2.0 CLI Download & Management on FTP, TFTP, Xmodem, SFTP, SNMP V1/V2C/V3 NMS - smart network management system platform (LLDP+SNMP)</p>

CONTENT	QTY	UNIT
DES-46S4MGNP	1	Set
Hanging Ears	1	Pair
AC Power cord	1	Pcs
Console cable (RS232)	1	Pcs
User Guide	1	Pcs
Warranty Card	1	Pcs