



ALLNET ALL-SG8452M

48 Port 10/100/1000Mbps + 4SFP Smart Managed Ethernet Switch

- *48 x 10/100/1000Mbps Auto MDI/MDI-X Ethernet port*
- *Switching Capacity up to 104G*
- *Store and forward mode operates*
- *Support Web-based Management*
- *Support QoS*
- *Port Mirroring*
- *Link Aggregation Protocol*
- *Support SNMP/RMON/TELENT*
- *QoS (Port Based, Flow, 802.1p, IP-TOS, IP DSCP)*
- *Four SFP Slots*

Der ALL-SG8452M ist ein 48 Ports Switch mit 4 zusätzlichen SFP-Ports. Dieses Gerät integriert 1000Mbps Gigabit Ethernet, 100Mbps Fast Ethernet und 10Mbps-Ethernet-Netzwerk-Funktionen in einem hochflexiblen Paket. Mit 48-10 / 100/1000 Mbps Auto-Negotiation-RJ45-Ports, alle UTP-Ports unterstützen die Auto-MDI / MDIX Funktion. Der einfach zu bedienende Switch ist ideal dafür geeignet, ihr altes Netzwerk, kostengünstig auf 1000 Mbps Gigabit-Netzwerk zu aktualisieren. Um Engpässe im Netzwerk durch erweiterte Computer-Benutzer und neuere Anwendungen zu vermeiden müssen auch größere Netzwerk-Ressourcen geschaffen werden. Der ALL-SG8452M ist eine qualitative und kostengünstige Lösung um Ihrem Netzwerk Beine zu machen.

Art. Nr.: 130253



Technical Specifications

Chipset	RTL8393M+6*RTL8218B+RTL8214FC+3*RTL8231
Standards	IEEE 802.3 IEEE 802.3u IEEE 802.3ab IEEE802.3x IEEE802.3z IEEE802.3ad IEEE802.1P IEEE802.1Q
Network Media (Cable)	10BASE-T: UTP category 3,4,5 cable (maximum 100m) 100BASE-Tx: UTP category 5,5e cable (maximum 100m) 1000BASE-T: UTP category 5e,6 cable (maximum 100m)
Number of Ports	48 x 10/100/1000Mbps Auto-Negotiation ports 4 SFP port 1 x RJ45 Console Port
LED indicators	10/100Mbps: Orange 1000Mbps: Green SFP: Green Power: Green
Transfer Method	Store-and-Forward
Switching Capacity	104G
Vlan	Port based VLAN Protocol based VLAN
IGMP	IGMP Snooping V2,V3 Multicast group 256
STP	IEEE 802.1D STP IEEE 802.1W RSTP IEEE 802.1S MSTP
Security	Broadcast / Uncast / Multicast Storm Control IEEE 802.1x DHCP Snooping IP MAC Port
ACL	MAC-Based ACL MAC-Based ACE IPv4-Based ACL IPv4-Based ACE
MAC Address Setting	Static Mac Setting MAC Filtering Dynamic Address Learn/Setting Rma Setting
LLDP	LLDP Port Setting MED Network Policy
Management	System Status Ping Test Factory Reboot Switch Backup/Upgrade Manager Configuration Manager



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Standards:	IEEE 802.3, 802.3u, 802.3ab, 802.3ae Ethernet IEEE 802.3az Energy Efficient Ethernet (EEE) IEEE 802.3x - Flow Control Protocol IEEE 802.1Q – VLAN IEEE 802.1p - Class of Service IEEE 802.1D - Spanning Tree IEEE 802.1w - Rapid Spanning Tree IEEE 802.1s - Multiple Spanning Tree IEEE 802.3ad - Link Aggregation Control Protocol (LACP) IEEE802.1v - Protocol VLAN IEEE 802.1AB - LLDP (Link Layer Discovery Protocol) IEEE 802.1X - Access Control
Port	Port Configuration Link Aggregation(static LACP) Port Mirroring Jumbo Frame Port Error Disabled Configuration
System	IP Configuration(IPV4 IPV6) User Configuration Time Settings(SNTP) Log Management SNMP Management(V2) RMON
QoS Features	WRR (Weighted Round Robin) Port based QoS IEEE 802.1p Class of Service DSCP-based QoS QoS basic mode QoS advanced mode (Policy based)
MAC Address Learning	Automatically learning, automatically Update 16K Table
Frame Filtering and Forward Rate	10Mbps: 14880pps, 100Mbps:148800pps, 1000Mbps: 1488000pps



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Bandwidth Control	Ingress Port Ingress VLAN Egress Port Egress Queue
Dimensions (W × D × H)	440*330*44mm
Environment	Operating Temperature: 0° - 40° Storage Temperature: -40° - 70° Operating Humidity: 10%~90% non-condensing Storage humidity: 5%~90% non-condensing
Power Supply	AC 100V~240V 50/60HZ (12V/4A)



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Management:	Command Line Interface (CLI) Web Based Management Telnet Access Management Filtering: SNMP/ WEB/SSH/TELNET/ SNMP: v1/v2c/v3 RMON: RMON (1,2,3, & 9 groups) DHCP: Client/ Relay/ Option82/ Snooping Event/Error Log: Local Flash/ Remote Server Software Download/ Upgrade: HTTP Configuration Download / Upload sFlow Port Mirroring: One to One/ Many to One Remote Ping NTP/LLDP UPnP EEE Configuration Cable Diagnostics IPv6 Configuration
Security:	User Name / Password Protection User Privilege: up to 15 levels IEEE 802.1x: Port-based Access Control IP Source Guard MAC Based Authentication Web-based Authentication HTTPS SSHv2 RADIUS: Authentication/ Accounting TACACS+: Authentication ACL (Access control list)
Housing:	19" Metallgehäuse, Montagewinkel beiliegend
Fan/Cooling:	3x Fans 40x40x10mm
Maße:	Breite/Tiefe/Höhe: 440 x 331x 44 mm Gewicht: 4,97 kg
Operating Temperature & Humidity:	0~40° 5~90% (non condensing)
Marks:	CE, ROHS
Power Input	100-240VAC