Part No.: 112533
Vendor Part No.: ALL-SG8208M

ALLNET ALL-SG8208M / 8 Port Gigabit Switch, smart managed, f



EAN CODE

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Small-size & Costeffective 8 Port Smart Managed Gigabit Layer-2 Switch FANLESS for Desktopinstallations

Highlights:

- 8 Port Gigabit non-blocking Switch Architeture
- support 10/100/1000Mbps and Duplexmodus (half/full) auto-detection
- support back-pressure (half duplex), flow control (IEEE 802.3x und IEEE 802.3az Energy Efficient Ethernet
- VLAN "64 Static / Port-Based / Tagged Based
- Link Aggregation (IEEE802.3ad LACP & Static Trunk)
- IGMP Snooping (v1/v2/v3)
- QoS (Port Based, Flow, 802.1p, IP-TOS, IP DSCP)
- Stormcontrol (Broadcast, Multicast, Unicast)
- FANLESS Solution
- Wall-Mount option

The ALL-SG88208M provides 8x 10/100/1000Mbps ports. The switch provides performance, QoS, advanced security strategies and rich layer 2 management features. This Gigabit managed switch is cost-effective for the ideal small and medium business solution.

ALL-SG88208M Switch have robust security and management features. The ALL-SG88208M Switch support a lot of features like Flow Control, Spanning Tree, VLAN, Link Aggregation IGMP Snooping & QoS. Anymore, the easy-to-use web management interfaces, along with CLI, SNMP, mean faster setup and configuration with less downtime. For workgroup and departments requiring cost-sensitive Layer 2 Switch and gigabit capability, ALLNET managed Switch ALL-SG88208M provides you the ideal access-edge solution.

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Secure Networking

The ALL-SG88208M switch provides IP-MAC-Port-VID Binding, Port Security, Storm control which protect against broadcast storms, ARP attacks, etc. It integrates some typical DoS attacks to select. You can protect these attacks more easily ever than before. In addition, the Access Control Lists (ACL, L2 to L4) feature restricts access to sensitive network resources by denying packets based on source and destination MAC address, IP address, TCP/UDP ports and even VLAN ID.

Advanced QoS features

To integrate voice, data and video service on one network, the switch applies rich QoS policies. Administrator can designate the priority of the traffic based on different options like 8 Priority Queues, Class of Service, Queue Scheduling and Rate Limit. Voice and video are always clear, smooth and jitter free. In conjunction with the Voice VLAN the switch supporting, the voice applications will operate with much smoother performance.

Abundant Layer 2 features

For more application of layer 2 switches, ALL-SG88208M supports a complete lineup of layer 2 features, including 802.1Q tag VLAN, Port Mirroring, Spanning Tree STP/RSTP, Link Aggregation Control Protocol and 802.3x Flow Control function. Any more, the switch provides advanced features for network maintenance. Such as Loop Back Detection, Cable Diagnostics and IGMP Snooping. IGMP snooping ensures the switch intelligently forward the multicast stream only to the appropriate subscribers while IGMP throttling & filtering restrict each subscriber on a port level to prevent unauthorized multicast access.

Enterprise Level Management Features

ALL-SG88208M is easy to use and manage. It supports various user-friendly standard management features, such as intuitive web-based Graphical User Interface(GUI), either administration traffic can be protected through HTTPS encryptions. SNMP (v1/2) support enables the switch to be polled for valuable status information and send traps on abnormal events.

Technical Detials:

Element	Spezifikation
Switch-Arbeitsweise:	Layer 2-Switch, smart, Store and Foreward, Auto-Negotiation
Switch-Typ:	standalone
Interfaces:	8x RJ45 10/100/1000BaseT(X)
Uplink:	ALL Ports possible (Auto MDI/MDI-X)
Full Duplex Mode:	yes
Buffer Memory:	524,8K Bytes
Jumbo Frame:	10K Bytes
Switch Fabric:	32Gbps
MAC Table:	8K

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Filtering/Forwarding:	Store and forward
LED-Indicators:	Power Link Activity
Power Supply:	external power supply 12V / 2A DC
Standard Compliance:	IEEE802.3 10BaseT IEEE802.3u 100BaseTX IEEE802.ab 1000BaseT IEEE802.3ad Link Aggregation IEEE802.1ab Link Discovery Protocol (LLDP) IEEE802.3x full-duplex operation and flow control IEEE 802.3az Energy Efficient Ethernet IEEE 802.1p class of service, priority protocols IEEE802.1Q VLAN Tagged Based IEEE802.1d Spanning Tree (STP) IEEE802.1w Spanning Tree (RSTP)
Layer2 features:	• Flow Control (Full-Duplex & Half-Duplex) • Spanning Tree (IEEE802.1d STP & IEEE802.1w RSTP, Auto Edge Port, Self Loop Detection) • VLAN (64 Statis VLAN, Port-based, IEEE802.1q Tagged-based) • Voice VLAN (OUI Mode) • Link Aggregation (IEEE802.3ad LACP, Static Trunk, 8x max Gruppen, 8 Ports/Gruppen, Traffic Load Balancing) • IGMP Snooping (256 Multicast Gruppen, IGMP v1/v2/v3 • IEEE802.1ab Link Layer Discovery Protokoll (LLDP)
QoS Features:	• 8 Priority Queue • Rate Limit (Port Based Ingress/Egress) • Queue Scheduling (WRR, WFQ, Strict Priority, Hybrid) • Class of Service (Port-based, Flow-based, 802.1p, IP Tos, IP DSCP)
Security:	• Storm Control (Broadcast, Unknown Multicast, Unknown Unicast) • HTTPS und SSL 2.0 • Account Manager (Multiple Account, Multi-Level Security) • Management VLAN, • Port-Isolation • DoS Prevention

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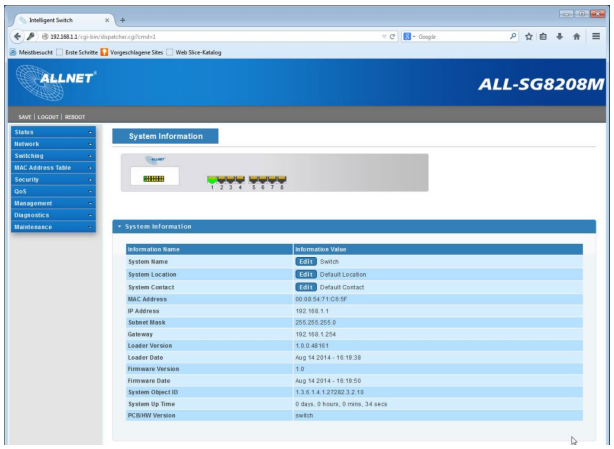
IPv6:	• IPv6 Application (HTTP/HTTPS, TELNET, SNMP, TFTP, PING, PHCPv6) • IPv6 Host (Static Adress Length, Default Gateway, Neighbor Discovery (ND), Duplicate Adress Detection, ICMPv6)
Management:	• Web-GUI (HTTP,HTTPS) • Command Line Interface CLI (Console, RFC854) • SNMP (v1/v2) • File Managment (Firmware Upgrade, Configuration Download • DHCP Client • DNS Client • Mirroring (Port-based (many to one) • Syslog (RFC3164, LocalRAM, Local Flash, Remote Server) • Time Setting (Local, SNTP) • Cable Diagnostics (Cable Test) • Port Utiliation • Reset Button • EEE (802.3az)
Housing:	Desktop-Metallhousing
Dimensions:	250 x 104 x 27 mm
Environment:	Operating temperature: 0 ~ 50 °C Operating humidity: 10% ~ 90%
Marks:	EMC/FCC, CE Class B; Safety/LVD EN60950-1

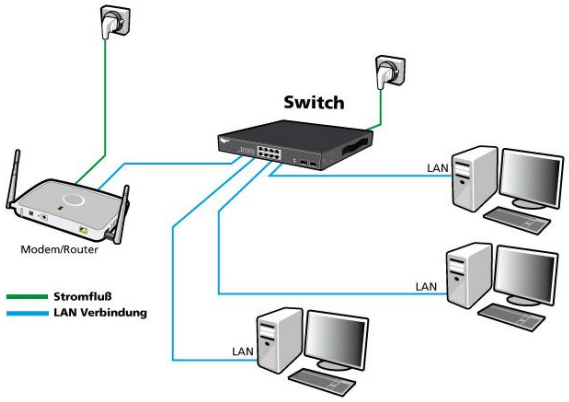
Attributes

Attribute	Value
Anzahl Ports PoE/LAN:	0/8
Belüftung Switch:	Lüfterlos
Einsatzort Switch:	Desktop
LAN Geschwindigkeit:	1Gbit/s
Weight:	1 Kg
Warranty:	24.00 Months

Additional Images

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Accessories

Part No.	Name
75932	Patchkabel RJ45, CAT5e 100Mhz, 0,25m grau, FTP(F/UTP), Synergy 21,
75939	Patchkabel RJ45, CAT5e 100Mhz, 0,5m grau, FTP(F/UTP), Synergy 21,
75973	Patchkabel RJ45, CAT5e 100Mhz, 5m grau, FTP(F/UTP), Synergy 21,
76029	Patchkabel RJ45, CAT5e 100Mhz, 0,25m grau, S-FTP(SF/UTP), Synergy 21,
76036	Patchkabel RJ45, CAT5e 100Mhz, 0,5m grau, S-FTP(SF/UTP), Synergy 21,
76077	Patchkabel RJ45, CAT5e 100Mhz, 7,5m grau, S-FTP(SF/UTP), Synergy 21,
76117	Patchkabel RJ45, CAT6 250Mhz, 0,25m grau, S-STP(S/FTP), LSZH, Synergy 21,
76124	Patchkabel RJ45, CAT6 250Mhz, 0,5m grau, S-STP(S/FTP), LSZH, Synergy 21,
76133	Patchkabel RJ45, CAT6 250Mhz, 1,0m grau, S-STP(S/FTP), LSZH, Synergy 21,
76151	Patchkabel RJ45, CAT6 250Mhz, 2m grau, S-STP(S/FTP), LSZH, Synergy 21,
76160	Patchkabel RJ45, CAT6 250Mhz, 3m grau, S-STP(S/FTP), LSZH, Synergy 21,
76169	Patchkabel RJ45, CAT6 250Mhz, 5m grau, S-STP(S/FTP), LSZH, Synergy 21,
76178	Patchkabel RJ45, CAT6 250Mhz, 7,5m grau, S-STP(S/FTP), LSZH, Synergy 21,
76187	Patchkabel RJ45, CAT6 250Mhz, 10m grau, S-STP(S/FTP), LSZH, Synergy 21,
76196	Patchkabel RJ45, CAT6 250Mhz, 15m grau, S-STP(S/FTP), LSZH, Synergy 21,

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