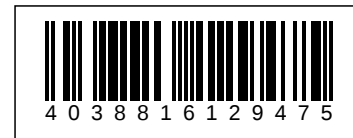


ALLNET Smart Managed Layer 2 Switch 24 Ports • 24x GbE • 4x SFP+ • 19" • Fanless • ALL-SG8428M-10G

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EAN CODE



1. ALLNET ALL-SG8428M-10G – Smart Managed Switch for maximum performance

Highlights:

- 24x 10/100/1000 Mbps RJ45 ports
- 4x 1G/10G SFP+ slots for high-speed uplinks
- Layer 2 management functions for efficient network control
- Energy-efficient, fanless design
- Desktop and rackmountable (incl. mounting accessories)
- Robust metal housing for long-lasting use

Product description

Experience the highest network performance with the **ALLNET ALL-SG8428M-10G**! This cost-effective **24-port Gigabit Layer 2 switch** with **4 additional SFP+ slots** offers a powerful, fitterless solution for demanding business and industrial environments. Ideally suited for use on the desktop or for seamless integration into 19"-rack systems.

Your benefits at a glance



- **Maximum flexibility:** 24 Gigabit ports + 4 SFP+ MiniGBIC slots for fibre optic connections.
- **Freeless design:** Quiet operation – perfect for noise-sensitive working environments.
- **Non-blocking architecture:** For delay-free data transmission and maximum network speed.
- **Easy installation:** Supports the NWay protocol for automatic adjustment of speed and duplex mode.
- **Rackmount-capable:** Ideal for professional server and technology rooms.

Application areas

- Companies with high bandwidth and reliability requirements
- Comfortable office environments
- Professional data centres and network infrastructures
- Industrial applications thanks to robust design

Technical details:

Hardware specs	
Model No.	
Key Components	• • •
I/O ports	• • • •



Part No.: 219585
Vendor Part No.: ALL-SG8428M-10G

LED Define

HW feature



Data transfer rate	
System monitor	



Power Input	
Reset button	
Dimension	
Fan design	
Temperature	
Humidity	

Software Spec

Status	System information		
	Logging message		
	Port	Statistics	
		Error Disabled	
		Bandwidth Utilisation	

	Link aggregation		
	MAC Address Table	8K	
Network	IP Address	Static / Dynamic	
	System Time	SNTP / From Computer / Manual Time	
Port	Port setting	State / Speed / Duplex / Flow Control	
	Error Disabled	Recovery Interval	ACL / ARP Rate Limit / BPDU Guard / Broadcast Flood / DHCP Rate Limit / Port Security / Self Loop / Unicast Flood / Unknown Multicast Flood
	Link aggregation	Group	
		Port Setting	State / Speed / Flow Control
		LACP	
	EEE		
	Jumbo Frame	1518 – 10000 bytes	
PoE	Global Setting	Schedule Status	
	Priority Setting		
	Power Limit		
	Power Show		
VLAN	VLAN	Create VLAN	
		VLAN Configuration	
		Membership	
		Port Setting	
	Voice VLAN	Property	
		Voice OUI	
	Protocol VLAN	Protocol Group	
		Group Binding	
	MAC VLAN	MAC Group	
		Group Binding	
	Surveillance VLAN	Property	
		Surveillance OUI	
	GVRP	Property	
		Membership	
		Statistics	

MAC Address Table	Dynamic Address	Aging Time	
	Static Address		
	Filtering Address		
Spanning Tree	Property	State / Operation Mode / Path Cost / BPDU Handling	Operation Mode : STP/RSTP/MSTP
	Port Setting		
	MST Instance		
	MST Port Setting		
	Statistics		
Discovery	LLDP	Property	
		Port Setting	
		MED Network Policy	
		MED Port Setting	
		Packet View	
		Local Information	
		Neighbour	
		Statistics	
Multicast	General	Property	Unknown Multicast Action / Multicast Forward Method
		Group Address	
		Router port	
		Forward All Table	
		Throttling	
		Filtering Profile	
		Filtering Binding	
	IGMP snooping	Property	State / Version / Report Suppression
		Transverse	
		Statistics	
	MLD snooping	Property	State / Version / Report Suppression
		Statistics	
	MVR	Property	State / VLAN / Mode / Group Start / Group Count / Query Time
		Port Setting	
		Group Address	

Security	RADIUS		
	TACACS+		
	AAA	Method List	
		Login Authentication	Console / Telnet / SSH / HTTP / HTTPS
	Management access	Management VLAN	
		Management Service	Telnet / SSH / HTTP / HTTPS / SNMP / Session Timeout
		Management ACL	
		Management ACE	
	Authentication Manager	Property	
		Port Setting	
		Sessions	
	Port Security		
	Protected port		
	Storm Control		State / Broadcast / Unknown Multicast / Unknown Unicast / Action (Drop / Shutdown)
	DoS	Property	
		Port Setting	
	Dynamic ARP Inspection	Property	
		Statistics	
	DHCP snooping	Property	
		Statistics	
		Option82 Property	
		Option82 Circuit ID	
	IP Source Guard	Port Setting	
		IMPV Binding	
		Save Database	
ACL	MAC ACL		
	MAC ACE		
	IPv4 ACL		
	IPv4 ACE		
	IPv6 ACL		
	IPv6 ACE		

	ACL Binding		
QoS	General	Property	CoS / DSCP / CoS-DSCP / IP Precedence
		Queue scheduling	Strict Priority / WRR
		CoS mapping	
		DSCP mapping	
		IP Precedence Mapping	
	Rate limit	Ingress / Egress Port	
		Egress queue	
Diagnostics	Logging	Property	Console / RAM / Flash
		Remote server	
	Mirroring		
	Ping		
	Tracer route		
	Copper test		
	Fibre modules		
	UDLD	Property	Message Time
		Neighbour	
Management	User account		
	Firmware	Upgrade / backup	Action (Upgrade / Backup) / Method (TFTP / HTTP)
		Active Image	Active Image / Backup Image
	Configuration	Upgrade / Backup	Action (Upgrade / Backup) / Method (TFTP / HTTP)
		Save Configuration	Source File / Destination File, Restore Factory Default
	SNMP	View	
		Group	
		Community	
		User	
		Engine ID	
		Trap event	Authentication Failure / Link UP_Down / Cold Start / Warm Start
		Notification	
RMON	Statistics		



Part No.: 219585
Vendor Part No.: ALL-SG8428M-10G

	History		
	Event		
	Alarm		

Attributes

Attribute	Value
Anzahl Ports PoE/LAN:	0/24
Belüftung Switch:	Lüfterlos
Einsatzort Switch:	19"
LAN Geschwindigkeit:	1Gbit/s
Management:	smart managed (WebGui)
SFP Geschwindigkeit:	SFP+ 10Gbit;
SFP Port Anzahl:	4
Weight:	2,9 Kg
Warranty:	24.00 Months

Accessories

Part No.	Name
101189	ALLNET ALL4757 / Switch module SFP+ (mini Gbic), 10Gbit, SR/
149613	ALLNET Switch Module ALL4757-INDU SFP+(Mini-GBIC), 10Gbit
101190	ALLNET ALL4758 / Switch module SFP+ (mini Gbic), 10Gbit, LR/
149616	ALLNET Switch Module ALL4758-INDU SFP+(Mini-GBIC), 10Gbit
128848	ALLNET Switch Module ALL4760 SFP+(Mini-GBIC), 10Gbit
146282	ALLNET Switch Module ALL4767 SFP+(Mini-GBIC), 10Gbit
27947	ALLNET ALL4750 / Switch module SFP (mini Gbic), 1000Mbit, SX
128033	ALLNET Switch Modul ALL4750-INDU SFP(Mini-GBIC), 1000Mbit MM
59426	ALLNET ALL4751 / Switch module, GBIC mini module, 1000Mbit,
128034	ALLNET Switch Module ALL4751-INDU SFP(Mini-GBIC), 1000Mbit,
114334	ALLNET Switch Modul ALL4752 SFP(mini Gbic), 1000Mbit, LHX/LC
166757	ALLNET Switch Modul ALL4752-INDU SFP(Mini-GBIC), 1000Mbit, LX/LC, 20Km, Singlemode,



Part No.: 219585
Vendor Part No.: ALL-SG8428M-10G

Part No.	Name
	Industrial, -40/+85 Grad,
59391	ALLNET ALL4753 / Switch module GBIC Mini module, 1000Mbit, L
59393	ALLNET ALL4755 / Switch module SFP (mini Gbic), 1000Mbit, ZX
136828	ALLNET Switch Module ALL4761 SFP(Mini-GBIC), 1000Mbit
193149	ALLNET Switch Modul ALL4761-INDU SFP(Mini-GBIC), 1000Mbit, WDM(Bidi)/LC, Tx1310nm/Rx1490nm, 9u, 20Km, Singlemode, Industrial -40/+85 Grad,
136829	ALLNET Switch Module ALL4762 SFP(Mini-GBIC), 1000Mbit
193150	ALLNET Switch Modul ALL4762-INDU SFP(Mini-GBIC), 1000Mbit, WDM(Bidi)/LC, Tx1490nm/Rx1310nm, 9u, 20Km, Singlemode, Industrial -40/+85 Grad,
140675	ALLNET Switch Module ALL4765 SFP(Mini-GBIC), 1000Mbit
143548	ALLNET Switch Module ALL4756 SFP(Mini-GBIC), 1000Mbit, ZX/LC
208404	ALLNET Switch Modul ALL4765-INDU SFP(Mini-GBIC), 1000Mbit, RJ45(TP), Industrial -40/+85 Grad,
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,
75959	Patchkabel RJ45, CAT5e 100Mhz, 2m grau, FTP(F/UTP), Synergy 21,
75966	Patchkabel RJ45, CAT5e 100Mhz, 3m grau, FTP(F/UTP), Synergy 21,
75973	Patchkabel RJ45, CAT5e 100Mhz, 5m grau, FTP(F/UTP), Synergy 21,
76091	Patchkabel RJ45, CAT5e 100Mhz, 15m grau, S-FTP(SF/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,
76056	Patchkabel RJ45, CAT5e 100Mhz, 2m 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,
140955	TP(RJ45) POE-Tester, at/af, Endspan/Midspan, standard, Synergy 21,



Part No.: 219585
Vendor Part No.: ALL-SG8428M-10G

Part No.	Name
141255	Netzkabel 230V Schutzkontakt CEE7(Stecker)->Kaltgeräte IEC-C13(Buchse), 1m,Black IEC Lock
141254	Netzkabel 230V Schutzkontakt CEE7(Stecker)->Kaltgeräte IEC-C13(Buchse), 2m,Black IEC Lock
141256	Netzkabel 230V Schutzkontakt CEE7(Stecker)->Kaltgeräte IEC-C13(Buchse), 3m,Black IEC Lock
191685	ALLNET Switch Modul ALL4768 SFP+(Mini-GBIC), 10Gbit, ER/LC, bis 40Km, Singlemode,
191686	ALLNET Switch Modul ALL4769 SFP+(Mini-GBIC), 10Gbit, ZR/LC, bis 80Km, Singlemode,
188424	CyberPower USV, OR-Serie, 600VA/360W, Line-Interactive, LCD, 19"/1HE, USB/RS232, IEC C13 Kaltgeräte,
188433	CyberPower USV, OR-Serie, 650VA/360W, Line-Interactive, LCD, 19"/1HE, USB/RS232, CEE7-Schutzkontakt,
175260	GBIC-Mini, SFP+, 10GB, TP(RJ45), 10GBASE-T, kompatibel für Intel, Intel-Code
98686	ALLNET MSR control center "ALL3500v2" incl. 4 sensor ports & WLAN for IP building automation
104126	ALLNET ALL3505 / IP Homeautomation Appliance DIN-Rail 8x I2C
134571	ALLNET ALL3419 / IP Building-Autom. 3x I2C, 1x USB, LAN/WLAN
206211	ALLNET MSR Central "ALL5000v2" incl. 16 Sensor Ports & 19" for IP Building Automation
192187	ALLNET PoE RGBW lamp with 1x MSR sensor port / LAN / WIFI *ALL-PoE-RGBW-LAMP*
234699	ALLNET Switch full managed Layer2+ zbh. Replacement bracket for ALL-SGxx 18/26/28/54 - Short version