Art.-Nr.: 210085
Herst.-Nr.: ALL-SG8418PM

ALLNET Switch smart managed Layer2 18 Port Gigabit • 18x GbE • PoE Budget 240W • 16x PoE at • 2x SFP • 19" • Lüfterlos • ALL-SG8418PM

>>> Zum Shop-Artikel

EAN CODE

4 0 3 8 8 1 6 2 1 0 0 8 1

Kostengünstiger 18 Port Managed Gigabit Layer-2 Switch +2x SFP MiniGbic Slots ohne Lüfter für Desktop und 19" Rackinstallation

Highlights:

- 18 Port Gigabit non-blocking Switch Architektur
- 16x PoE Ports nach IEEE802.3af/at Standard
- 2x 1GbE SFP Ports für optionale GBIC-Module
- VLAN Port-Based / Tagged Based
- Link Aggregation (IEEE802.3ad LACP & Static Trunk)
- IGMP Snooping
- QoS (QoS>QoS multi-label, queue config, QoS mapping)
- **Total-Lüfterlos, keine nervende Geräusche mehr... max. 240W Budget**
- 19"Zoll-Winkel inklusive
- **PoE Budget 240W**
- Unterstützt Endspan POE
    - PoE-Belegung = Endspan (1/2 und 3/6)

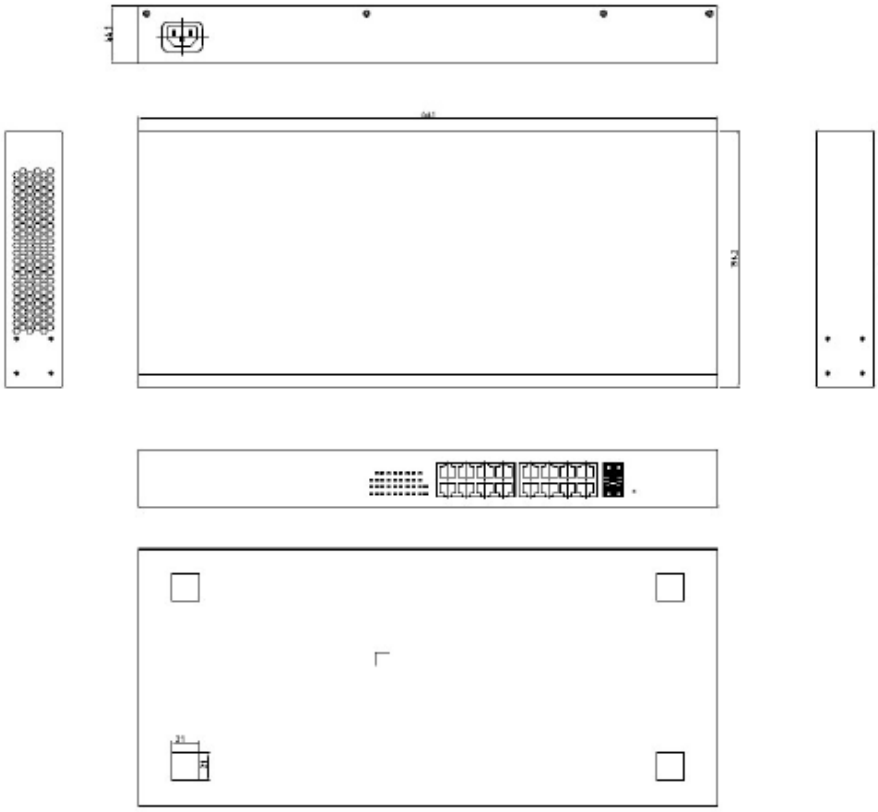
Entdecken Sie den neuen ALLNET ALL-SG8418PM Switch – die ideale Lösung für kleine und mittlere Arbeitsgruppen, die eine schnelle und zuverlässige Netzwerkverbindung benötigen. Mit 16 abwärtskompatiblen Gigabit PoE Ports bietet dieser Switch eine leistungsstarke Konnektivität für Ihre PoE-fähigen Geräte.

Dank seines lüfterlosen Designs eignet sich der ALL-SG8418PM perfekt für Büroumgebungen, da er keine störenden Geräusche erzeugt. Er ist smart managebar und unterstützt eine Vielzahl von Standards wie QoS, VLAN, Storm-Control und IGMP Snooping, was für höchste Performance und Sicherheit in Ihrem Netzwerk sorgt.

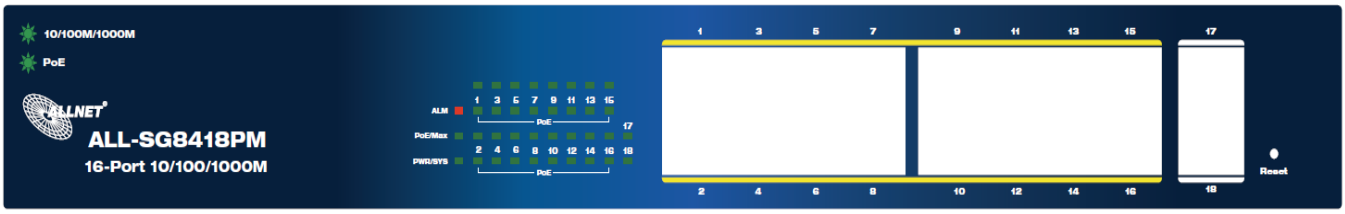
Das robuste Metallgehäuse des Switches ist sowohl für die Montage im 19-Zoll-Schrank als auch zur Wandmontage geeignet. Darüber hinaus verfügt der ALL-SG8418PM über 2x SFP miniGBIC Slots, um auch entfernte Server oder Uplink-Endgeräte über Lichtwellenkabel anzubinden.

Entscheiden Sie sich für den ALLNET ALL-SG8418PM Switch und erleben Sie eine nahtlose Netzwerkverbindung ohne Kompromisse bei Leistung und Zuverlässigkeit.

Mechanische Zeichnung:



Front-Panel:



Technical Details:

Items	Specifications
Model No.	**ALL-SG8418PM**
Key Components	RTL8382M+RTL8218D IP808ARx2 PSE controller DDR:1Gb Flash IC:16MB
I/O ports	16x GbE ports, RJ45 2x SFP Giga Ports Reset Button: reset to default setting, re-start system
PoE ports	Port# 1~ 16 IEEE802.3at, IEEE802.3af
LED Define	PWR/SYS: Green LED • Off: power off or fail • On: power on ALM: Red LED • Off: Switch is normal condition • On: Alarm for system failure because of overheat, wrong voltage. PoE Max.: Green LED • Off: No over PoE max power Alert • On: Over PoE max power Alert Port LED Link/ACT: Green • Off: port disconnected or link fail • Green on: 10/100/1000Mbps connected • Blinking: sending or receiving data PoE: Green LED

	• Off: PoE power output off • Green on: PoE power output on SFP Port: ◦ Off: disconnected or fail ◦ Green: 100/1000Mbps connected ◦ Blinking: data transmitting
HW feature	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3ab 1000BASE-T IEEE802.3x flow control & back pressure IEEE802.3z 1000Base SX/LX IEEE802.3az EEE IEEE802.3at, IEEE802.3af Switch Capacity: 36Gbps bi-direction Forwarding Mode: Store and Forward MAC address Table: 8K Packet buffer size: 4.1M bit Jumbo Frame: 9K bytes
Power Input	Internal power supply Input: 100-240V AC Output: 280W E-cap life time >3 years @ 40?
PoE power pin-out	Alternative A (Pin 1,2/3,6)
PoE Output power capacity	Maximum output :30W per each port 1. Compliant with IEEE802.3af/at standard, Following IEEE802.3at/at to support PoE or PoE+ 2. Automatically discover the connection of PD device and immediately sends power to it 3. Auto disable port if the port current is over 700mA or short happens 4. Priority can be configured and default setting is lower port NO. has high priority 5. The maximum power used by power devices is

<table>
<tr><td></td><td>defined by the following classification. When Port works in Auto Mode, the output port power limit will be associated with PD classification Value.

<table>
<tr><th>Class</th><th>Usage</th><th>Minimum Power Levels Output at the PSE</th><th>Maximum Power Levels at the Powered Device</th></tr>
<tr><td>0</td><td>Default</td><td>15.4W</td><td>0.44 to 12.95W</td></tr>
<tr><td>1</td><td>Optional</td><td>4.0W</td><td>0.44 to 3.84W</td></tr>
<tr><td>2</td><td>Optional</td><td>7.0W</td><td>3.84 to 6.49W</td></tr>
<tr><td>3</td><td>Optional</td><td>15.4W</td><td>6.49 to 12.95W</td></tr>
<tr><td>4</td><td>Optional</td><td>30W</td><td>12.95W to 25.5W</td></tr>
</table>
Follow the standard PSE pin-out standard of Alternative A (MAD-X) which is sending out power over number 1,2,3,6 pins of 8 wires of Ethernet CAT5 UTP cable</td></tr>
<tr><td>PoE Power Budget</td><td>240Watt</td></tr>
<tr><td>Reset button</td><td>Support reset to default configuration</td></tr>
<tr><td>Dimension</td><td>441mm(W)x190mm(D)x44mm(H)</td></tr>
<tr><td>FAN Design</td><td>N/A</td></tr>
<tr><td>Temperature</td><td>Operating: 0 ~ 40?

Storage : -40 ~ 70?</td></tr>
<tr><td>Humidity</td><td>Operating: 10% ~ 90% RH (non-condensing)

Storage: 5% ~ 90% RH (non-condensing)</td></tr>
</table>

Software Feature

Status	System Information		
	Logging Message		
	Port	Statistics	
		Error Disabled	
		Bandwidth Utilization	
	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	9K Byte	
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 /	Operation Mode :

		Path Cost / BPDU Handling	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	
		Neighbor	
		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
		Querier	
		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	
		MAC-Based Local Account	
		WEB-Based Local Account	
		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		
	Traceroute		
	Copper Test		
	Fiber Module		
	UDLD	Property	Message Time
		Neighbor	
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		
	History		

	Event		
	Alarm		

Merkmale

Merkmal	Wert
Anzahl Ports PoE/LAN:	16/0
Belüftung Switch:	Lüfterlos
Einsatzort Switch:	19"
Management:	smart managed (WebGui)
PoE Budget:	<300 Watt
PoE Port Leistung:	30W at
SFP Geschwindigkeit:	SFP 1GBit
Gewicht:	6.2 Kg
Garantie:	24.00 Monate

Zubehör

Art.-Nr.	Name
122504	ALLNET 19"Wand Winkel, 1HE, T54mm, Lichtgrau, SMW-Serie,
122514	ALLNET 19"Wand Winkel, 3HE, T142mm, Lichtgrau, SMW-Serie,
27947	ALLNET Switch Modul ALL4750 SFP(Mini-GBIC), 1000Mbit, SX/LC,
128033	ALLNET Switch Modul ALL4750-INDU SFP(Mini-GBIC), 1000Mbit, SX/LC, Industrial -40/+85 Grad,
59426	ALLNET Switch Modul ALL4751 SFP(Mini-GBIC), 1000Mbit, LX/LC, 10Km "SINGLE-MODE"
128034	ALLNET Switch Modul ALL4751-INDU SFP(Mini-GBIC), 1000Mbit, LX/LC, 10Km, Industrial, -40/+85 Grad,
114334	ALLNET Switch Modul ALL4752 SFP(Mini-GBIC), 1000Mbit, LX/LC, 20KM,
166757	ALLNET Switch Modul ALL4752-INDU SFP(Mini-GBIC), 1000Mbit, LX/LC, 20KM, Industrial, -40/+85 Grad,
59391	ALLNET Switch Modul ALL4753 SFP(Mini-GBIC), 1000Mbit, EX/LC, 40KM
59393	ALLNET Switch Modul ALL4755 SFP(Mini-GBIC), 1000Mbit, ZX/LC, 80KM

Art.-Nr.	Name
143548	ALLNET Switch Modul ALL4756 SFP(Mini-GBIC), 1000Mbit, EZX/LC,120KM
136828	ALLNET Switch Modul ALL4761 SFP(Mini-GBIC), 1000Mbit, WDM(Bidi)/LC, Tx1310nm/Rx1490nm, 9u, 20Km,
193149	ALLNET Switch Modul ALL4761-INDU SFP(Mini-GBIC), 1000Mbit, WDM(Bidi)/LC, Tx1310nm/Rx1490nm, 9u, 20Km, Industrial -40/+85 Grad,
136829	ALLNET Switch Modul ALL4762 SFP(Mini-GBIC), 1000Mbit, WDM(Bidi)/LC, Tx1490nm/Rx1310nm, 9u, 20Km,
193150	ALLNET Switch Modul ALL4762-INDU SFP(Mini-GBIC), 1000Mbit, WDM(Bidi)/LC, Tx1490nm/Rx1310nm, 9u, 20Km, Industrial -40/+85 Grad,
140675	ALLNET Switch Modul ALL4765 SFP(Mini-GBIC), 1000Mbit, RJ45(TP),
208404	ALLNET Switch Modul ALL4765-INDU SFP(Mini-GBIC), 1000Mbit, RJ45(TP), Industrial -40/+85 Grad,
208360	ALLNET Switch Modul ALL4767-INDU SFP+(Mini-GBIC), 10Gbit, RJ45(TP), uncodiert, Industrial -40/+85 Grad,
168085	ALLNET TP LAN Gigabit-Isolator 4kV
99305	ALLNET TP Cat 6 Überspannungs-/Blitzschutz Surge Protector ALL95100 Indoor
198028	ALLNET TP Cat 6 Überspannungs-/Blitzschutz Surge Protector ALL95102O IP66 Outdoor
115128	ALLNET TP Cat 6/ADSL/VDSL/ISDN Überspannungs-/Blitzschutz ALL95101
201008	TP-TP Kupplung,CAT6A,Buchse,1:1 ,8-pol., RJ45, magnetische Sicherungskupplung 50er Bulk Set, Abwurfbuchse, PoE fähig, bis zu 10GBit
193972	TP-TP Kupplung,CAT6A,Buchse,1:1 ,8-pol., RJ45, magnetische Sicherungskupplung, Abwurfbuchse, PoE fähig, bis zu 10GBit