

ALLNET Switch smart managed Layer2 28 Port • 24x 1 GbE • PoE Budget 400W • 4x SFP+ • 19" • Lüfterlos • ALL-SG8428v2FPM-10G

>>> [Zum Shop-Artikel](#)



EAN CODE



ALLNET Switch smart managed Layer2 28 Port • 24x 1 GbE • PoE Budget 400W • 4x SFP+ • 19" • Lüfterlos • ALL-SG8428v2FPM-10G

Highlights:

- 24 Port PoE Gigabit non-blocking Switch Architektur + 4 SFP+ Mini-GBIC Slots = Total 28 Ports
- PoE Standard nach IEEE802.3af / at max. 30W pro Port
- Unterstützt NWay Protokoll für die Geschwindigkeit (10/100/1000Mbps) und Duplexmodus (half/full) auto-detection
- Switch Kapazität bis zu 128Gbps
- 16K MAC Adress Tabelle
- 12K bytes Jumbo-Frames
- 400W PoE Budget
- Hardware Monitor Alarm
- **LÜFTERLOS**

Sichern Sie sich jetzt den ALLNET Switch smart managed Layer2 28 Port - das Powerhouse für Ihr Netzwerk!

Mit 24 Gigabit-Ethernet-Ports, die PoE nach IEEE802.3af/at unterstützen und eine maximale Leistung von 30W pro Port bieten, sind Sie in der Lage, Ihre Geräte zuverlässig zu versorgen. Zusätzlich verfügt dieser Switch über 4 SFP+ Mini-GBIC Slots, was die Gesamtzahl der verfügbaren Ports auf beeindruckende 28 erhöht.

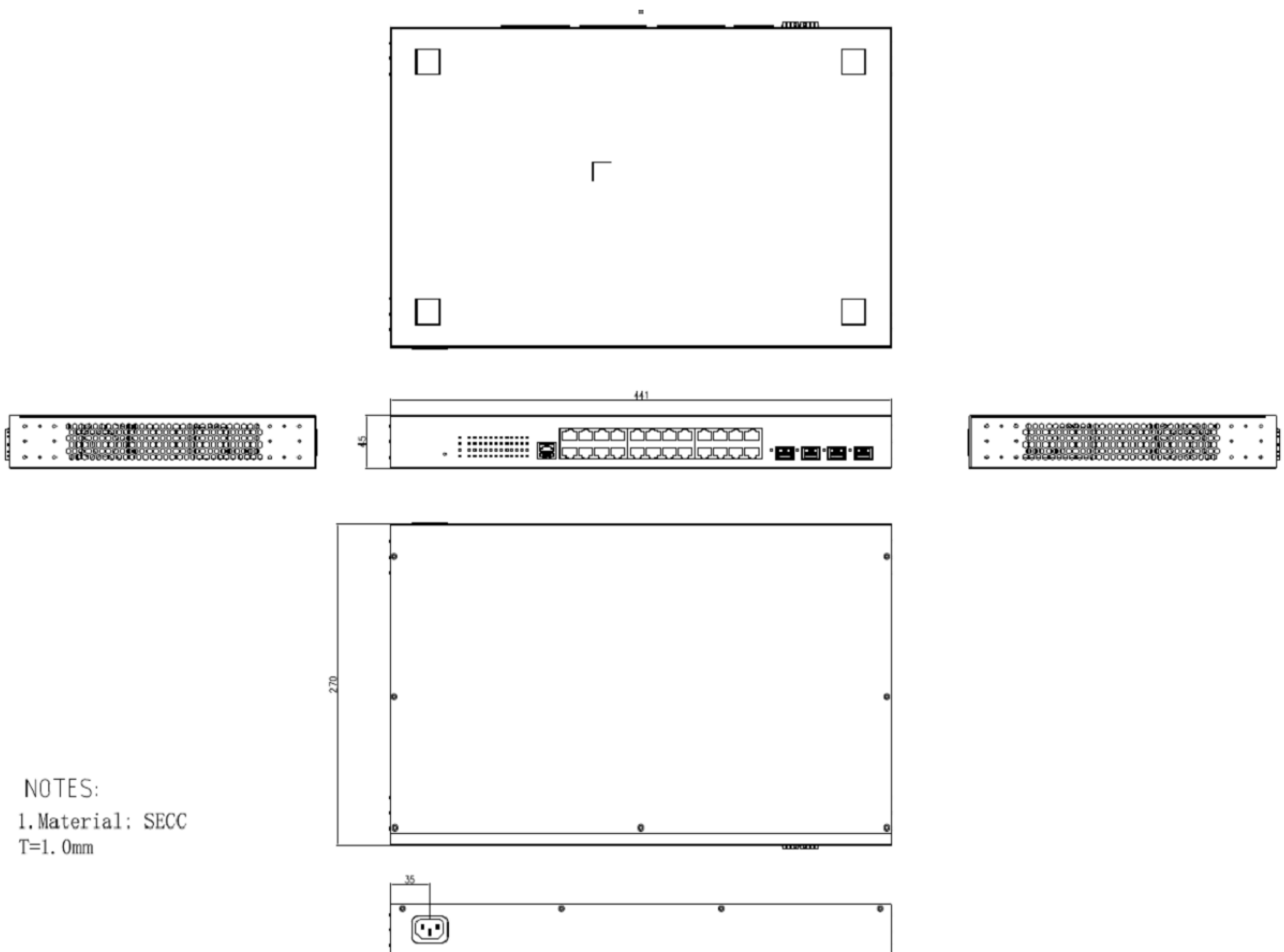
Dieser Switch bietet nicht nur Power, sondern auch intelligente Funktionen. Dank des NWay-Protokolls erkennt er

automatisch die optimale Geschwindigkeit (10/100/1000Mbps) und den Duplexmodus (half/full) für Ihre Geräte. Die Switch-Kapazität beträgt bis zu 128Gbps, und die 16K MAC-Adresstabelle gewährleistet eine effiziente Datenverwaltung.

Mit einem großzügigen Jumbo-Frames-Speicher von 12K Bytes sind Sie bereit für die Übertragung großer Datenmengen. Das integrierte 400W PoE-Budget bietet ausreichend Leistung, um Ihre PoE-Geräte zu betreiben, und das alles ohne Lüfter, was eine leise und störungsfreie Umgebung gewährleistet.

Erweitern Sie Ihre Netzwerkmöglichkeiten und verlassen Sie sich auf die Qualität des ALLNET Switch smart managed Layer2 28 Port. Bestellen Sie noch heute den ALL-SG8428v2FPM-10G und steigern Sie die Leistungsfähigkeit Ihres Netzwerks auf das nächste Level!

Mechanical Drawings:



NOTES:

- 1. Material: SECC
- T=1.0mm

Technical Details:

Hardware-Specs:

Items	Specifications
Model No.	ALL-SG8428v2FPM-10G
Key Components	<ol style="list-style-type: none"> 1. RTL9301-CG+RTL8218Dx3 2. GD32E230G8U6TR + RTL8238Bx3 3. Flash IC: MXIC 32M Byte 4. DDR: 2G bits
I/O ports	<p>24x GbE ports, RJ45</p> <p>4 x 10G ports, SFP+</p> <p>Reset Button: reset to default setting, re-start system</p> <p>Console port by RJ45 type</p>
PoE ports	<p>Port# 1~ 24</p> <p>IEEE802.3at, IEEE802.3af</p>
LED Define	<p>PWR: Green LED</p> <ul style="list-style-type: none"> • Off: power off or fail • On: power on <p>SYS: Green LED</p> <ul style="list-style-type: none"> • Off: power off or fail • On: system is ready • Blinking: system booting up <p>ALM: RED LED</p> <ul style="list-style-type: none"> • Off: Switch is normal condition • On: Alarm for system failure because of overheat, wrong voltage. <p>PoE Max: Green LED</p> <ul style="list-style-type: none"> • Off: No over PoE max power Alert • On: Over PoE max power Alert <p>1-24 Port LED:</p> <p>Link/ACT:</p> <ul style="list-style-type: none"> • Off: port disconnected or link fail



	<ul style="list-style-type: none"> • Green on: 1000Mbps connected • Amber on: 10/100Mbps connected • Blinking: sending or receiving data <p>25-28 port LED:</p> <p>SFP+:</p> <ul style="list-style-type: none"> - Off: disconnected or fail - Blue: 10Gbps connected - Green: 1000Mbps connected - Blinking: data transmitting <p>PoE: Green LED</p> <ul style="list-style-type: none"> • Off: PoE power output off • Green on: PoE power output on
HW feature	<p>IEEE802.3 10BASE-T</p> <p>IEEE802.3u 100BASE-TX</p> <p>IEEE802.3ab 1000BASE-T</p> <p>IEEE802.3ae SFP+</p> <p>IEEE802.3az EEE</p> <p>MAC address Table: 16K</p> <p>Packet buffer size: 12Mbit</p> <p>Jumbo Frame: 12K bytes</p> <p>128Gbps switching capacity</p> <p>Forwarding rate: 95.2Mpps (64-byte package size)</p>
Data Transfer Rate	<p>Ethernet:10 Mbps (half duplex),20 Mbps (full duplex)</p> <p>Fast Ethernet:100 Mbps (half duplex),200 Mbps (full duplex)</p> <p>Giga Ethernet:2000 Mbps (full duplex)</p> <p>10 Gigabit Ethernet:20 Gbps (full duplex)</p>
System Monitor	<p>HW Monitor IC: ADT7476</p>



	<ul style="list-style-type: none"> • Voltage Monitor <ul style="list-style-type: none"> ◦ Input Voltage: 12V (+/-7% Alarm Threshold) ◦ I/O Voltage: 3.3V (+/- 5% Alarm Threshold) ◦ DDR Voltage: 1.5V (+/- 5% Alarm Threshold) ◦ PHY Voltage: 1.1V (+/- 5% Alarm Threshold) ◦ MAC Voltage: 1.0V (+/- 5% Alarm Threshold) • Temperature Monitor <ul style="list-style-type: none"> ◦ BOARD: 0~80° C ◦ MAC: 0~85° C ◦ PHY: 0~85° C
Power Input	Internal power supply Input: 90~264VAC/47~63Hz Output: 600W
PoE Power Budget	400W
Reset button	Support reset to default configuration
Dimension	441(W) x 270(D) x 44(H) mm
FAN Design	Fanless
Temperature	Operating: 0 ~ 40? Storage : -40 ~ 70?
Humidity	Operating: 10% ~ 90% RH (non-condensing) Storage: 5% ~ 90% RH (non-condensing)

Software-Specs:

Status	System Information			
	Logging Message			
	Port	Statistics		
		Error Disabled		

		Bandwidth Utilization	
	Link Aggregation		
	MAC Address Table	16K	
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	12K 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 / 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	
		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		
		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:	24/0
Belüftung Switch:	Lüfterlos
Einsatzort Switch:	19"
Management:	smart managed (WebGui)
PoE Budget:	<500 Watt
PoE Port Leistung:	30W at
SFP Geschwindigkeit:	SFP+ 10Gbit
Gewicht:	5 Kg
Garantie:	24.00 Monate

Zubehör

Art.-Nr.	Name
101189	ALLNET Switch Modul ALL4757 SFP+(Mini-GBIC), 10Gbit Multimode, SR/LC,
101190	ALLNET Switch Modul ALL4758 SFP+(Mini-GBIC), 10Gbit Singlemode, LR/LC, bis 20Km
128848	ALLNET Switch Modul ALL4760 SFP+(Mini-GBIC), 10Gbit Singlemode, bis 220m, LRM/LC, *nur für Multimode 50/125u Kabel OM1-4*
139776	ALLNET Switch Modul ALL4763 SFP+(Mini-GBIC), 10Gbit, B(Bidi)A/LC, Tx1270nm/Rx1330nm, 9u, 20Km,
139777	ALLNET Switch Modul ALL4764 SFP+(Mini-GBIC), 10Gbit, B(Bidi)B/LC, Tx1330nm/Rx1270nm, 9u, 20Km,
146282	ALLNET Switch Modul ALL4767 SFP+(Mini-GBIC), 10Gbit, RJ45(TP), uncodiert
149613	ALLNET Switch Modul ALL4757-INDU SFP+(Mini-GBIC), 10Gbit Multimode, SR/LC, Industrial -40/+85 Grad,
149616	ALLNET Switch Modul ALL4758-INDU SFP+(Mini-GBIC), 10Gbit Singlemode, LR/LC, Industrial



Art.-Nr.: 213130
Herst.-Nr.: ALL-SG8428v2FPM-10G

Art.-Nr.	Name
	-40 -+85Grad, DDM, bis 20Km
191685	ALLNET Switch Modul ALL4768 SFP+(Mini-GBIC), 10Gbit Singlemode, ER/LC, bis 40Km
191686	ALLNET Switch Modul ALL4769 SFP+(Mini-GBIC), 10Gbit Singlemode, ZR/LC, bis 80Km
195857	ALLNET Switch Modul ALL4795 SFP+(Mini-GBIC), 10Gbit Singlemode, ZR/LC, bis 100Km
208360	ALLNET Switch Modul ALL4767-INDU SFP+(Mini-GBIC), 10Gbit, RJ45(TP), uncodiert, Industrial -40/+85 Grad,
132994	ALLNET Switch Modul, DAC(direkt Kabel), SFP+/SFP+, 10Gbit, 0,5m,
132996	ALLNET Switch Modul, DAC(direkt Kabel), SFP+/SFP+, 10Gbit, 1m,
132997	ALLNET Switch Modul, DAC(direkt Kabel), SFP+/SFP+, 10Gbit, 3m,
132998	ALLNET Switch Modul, DAC(direkt Kabel), SFP+/SFP+, 10Gbit, 5m,
132999	ALLNET Switch Modul, DAC(direkt Kabel), SFP+/SFP+, 10Gbit, 7m,