

ALLNET ALL-SG8428FPM-10G / 24 Port Gigabit Kupfer Lüfterlos



EAN CODE



24 ports High-Power Fanless L3-managed PoE switch with 4*10G uplink, 350W PoE Budget

Highlights:

- No noise switch, no heat dissipation fan;
- 350W high-power PoE output;
- 24 GE PoE + 4*10G SFP+ Slot;
- Support L2/L3 Web management and PoE Management
- With PoE Output indicator;
- Support high-speed data forwarding, very suitable for large flow of video data forwarding in security surveillance
- Support fast ring, Self-healing in 20ms Min,
- Quick Installation, convenient for wall/desk/rack installation.

The ALLNET ALL-SG8428FPM-10G is one of the first fanless 24 port PoE switches for professional use. Especially in environments like offices, banks or hospitals the ALL-SG8428FPM-10G shows its advantages by its silent operation. Fanless operation is achieved by powerful passive cooling combined with perfect heat dissipation. In addition to the 24 Gigabit PoE ports, which allow a total budget of 350 watts, the switch also offers four 10G uplink ports. The current PoE budget can be roughly read off directly on the device via an optical LED display and tracked in detail via the clear web interface.

Technical Details:

Item	ALL-SG8428FPM-10G
Copper Ports	24* 10/100/1000Base-T PoE RJ45(Auto-MDI/MDI-X)
SFP Ports	4*1000/10G Base-X SFP(Mini-GBIC)



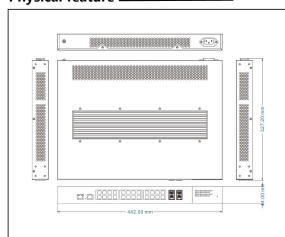
Console Port	1*RJ45-R232 serial port(115200,8,N,1)
OOB Port	1*10/100Base-TX RJ45 (only used to Web management) default IP:192.168.1.200 name:admin password:admin)
Init button	Short press:on/off PoE indicator; >5s restore default settings
PoE indicator	Green:PoE output power 0%~70% Yellow:PoE output power70%~80%; Red:PoE output power 80%~100%
Network Standard	IEEE802.3 IEEE802.3u IEEE802.3ab IEEE802.3Z IEEE802.3X IEEE 802.1Q IEEE 802.1p IEEE 802.3ad IEEE 802.1D IEEE 802.1X
Switch Fabric	128Gbps / non-blocking
Switch Throughput	95.2Mpps
Switch Architecture	Store and Forward
Shared Data Buffer	1.5Mbit
Address Table	16K MAC address table with auto learning function
Jumbo Frame	10K bytes
PoE Standard	802.3af/at(PSE)
PSE Type	End-span
Power Pin Assignment	1/2(+),3/6(-)
PoE Power Output	54V DC , 30 watts max
PoE Budge	350 watts max
Lightning protection	6KV Execute:IEC61000-4-5
ESD	6KV Contact discharge 8KV Air discharge Execute:IEC61000-4-2
Power Supply	100~240VAC 50/60Hz, Auto-sensing
Power Dissipation	380W(Including PoE)
Work temperature	-10 ~ +50°C
Storage temperature	-40 ~+85°C
Humidity	5%-95%(Non-condensing)
Dimension(L×W×H)	442mm×320mm×44.5mm
Weight	6.5kg
Regulator	CE, FCC, ROHS
Quality of Service	Support COS classification base on 802.1p support QoS base on DSCP Support 8 priority queues Queue scheduling: SP, WRR, SP+WRR Support 802.1p CoS/DSCP priority
Multicast Management	Support SNMPV1 / V2 / V3 protocols Support IGMP Snooping support MLD-snooping



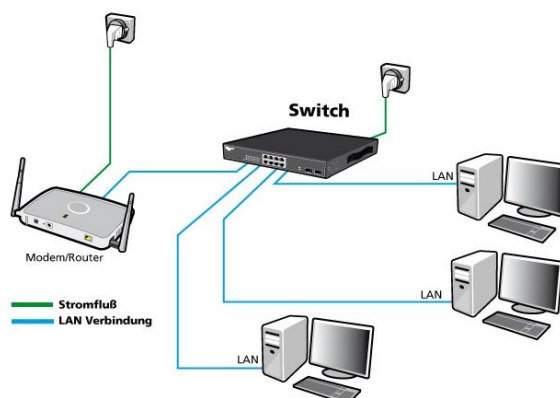
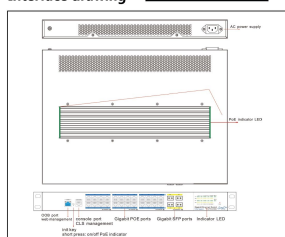
POE management	Support Total Power Control
	Support PoE On Off
	Support single-port 30W output, Output port and priority
Security Features	Supports IP, MAC, port, VLAN binding combinations
	Support MAC address auto-learning, aging and filtration
	Support port isolation, port speed limit
	Support STP \ RSTP \ MSTP, Fast-Ring
	Support 5 groups of link aggregation
	support LLDP , Smart-Link , DLDP
ACL	Support 802.1X
	support base on source-MAC
	target-MAC
	protocol-classify
	source-IP
	target-IP
System Management	L4 ports-number
	support time-range management
	Web-based GUI and CLI management
	Support FTP / TFTP / HTTP load upgrade
	Support traffic statistics
	Support MAC address table query
	Support IP address, DNS server modifications
	Support user name and password modification
	Support for history, log management
L3 Management	Support System Configuration Backup
	Support to recover the default factory settings on reboot
	support IPV4 static route setup
	support RIP V1/2 on IPV4
	support OSPF V1/V2
	support ISIS on IPV4
	support BGP on IPV4
	Support static ARP Add, delete, burn-in time setup/check
	Support static NDAdd, delete, burn-in time setup/check
	Support VRRP V1/2/3 virtual redundant route protocol
	Support group-broadcasting PIM, IGMP
	V1/V2/V3, MLD(IPV4)
	Support DHCP client, server
	Support relay repeater, DHCP snooping
	Support duplex transfer check mechanism



Physical feature



Interface drawing



Accessories

Part No.	Name
101189	ALLNET Switch Modul ALL4757 SFP+(Mini-GBIC), 10Gbit Multimode, SR/LC,
149613	ALLNET Switch Modul ALL4757-INDU SFP+(Mini-GBIC), 10Gbit Multimode, SR/LC, Industrial -40/+85 Grad,
101190	ALLNET Switch Modul ALL4758 SFP+(Mini-GBIC), 10Gbit Singlemode, LR/LC,
149616	ALLNET Switch Modul ALL4758-INDU SFP+(Mini-GBIC), 10Gbit Singlemode, LR/LC, Industrial -40 -+85Grad,
128848	ALLNET Switch Modul ALL4760 SFP+(Mini-GBIC), 10Gbit Multimode, bis 220m, LRM/LC,
136828	ALLNET Switch Modul ALL4761 SFP(Mini-GBIC), 1000Mbit, WDM(Bidi)/LC, Tx1310nm/Rx1490nm, 9u, 20Km,
136829	ALLNET Switch Modul ALL4762 SFP(Mini-GBIC), 1000Mbit, WDM(Bidi)/LC, Tx1490nm/Rx1310nm, 9u, 20Km,
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,
140675	ALLNET Switch Modul ALL4765 SFP(Mini-GBIC), 1000Mbit, RJ45(TP),
146282	ALLNET Switch Modul ALL4767 SFP+(Mini-GBIC), 10Gbit, RJ45(TP), uncodiert
27947	ALLNET Switch Modul ALL4750 SFP(Mini-GBIC), 1000Mbit, SX/LC,
59426	ALLNET Switch Modul ALL4751 SFP(Mini-GBIC), 1000Mbit, LX/LC, 10Km
114334	ALLNET Switch Modul ALL4752 SFP(Mini-GBIC), 1000Mbit, LHX/LC, 20KM,
59391	ALLNET Switch Modul ALL4753 SFP(Mini-GBIC), 1000Mbit, LHX/LC, 40KM
59393	ALLNET Switch Modul ALL4755 SFP(Mini-GBIC), 1000Mbit, ZX/LC, 80KM
143548	ALLNET Switch Modul ALL4756 SFP(Mini-GBIC), 1000Mbit, ZX/LC, 120KM
141113	ALLNET Switch Modul ALL4780 SFP(Mini-GBIC), 2Wire-Set, max. 100Mbit
140955	TP(RJ45) POE-Tester, at/af, Endspan/Midspan, standard, Synergy 21,
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