



Part No.: 152328  
Vendor Part No.: ALL-SG8548PM-10G

## ALLNET ALL-SG8548PM-10G / 48 port PoE Gigabit copper + 4x SF



### EAN CODE



## ALLNET ALL-SG8548PM-10G / 48 port PoE Gigabit copper + 4x SFP+ smart-managed

### Highlights:

- Wire speed forward, intelligent recognition
- Integrated High-Performance Cortex-A9 processor.
- Four 10G SFP+ port
- Internal 450W Power supply
- Switching Capacity 176Gbps
- SupportsPoE power up to 30W for each PoE port, 400W for all PoE ports

ALL-SG8548PM is a new generation designed for high security and high performance network the L2 switch. Provides forty-eight 10/100/1000Mbps self-adaption RJ45 port, plus four 10G SFP+ optical port, it can be used to link bandwidth higher upstream equipment. Support VLAN ACL based on port, easily implement network monitoring, traffic regulation, priority tag and traffic control. Support traditional STP/RSTP/MSTP 2 link protection technology; greatly improve the ability of fault tolerance, redundancy backup to ensure the stable operation of the network. Support ACL control based on the time, easy control the access time accurately. Support 802.1x authentication based on the port and MAC, easily set user access. Perfect QOS strategy and plenty of VLAN function, easy to maintenance and management, meet the networking and access requirements of enterprises, intelligent village, hotel, office network and campus network. Built-in high reliability, de-sign for wide voltage input application power supply, even if the voltage is not stable of power grid, also can guarantee the equipment can work normally.



48 ports have PoE power supply function, support IEEE802.3at standard, 802.3af downward compatibility, power supply equipment for Ethernet, can automatically detect identification standard of electrical equipment, and through the cable for the power supply.

## Technical Details:

Hardware Details	
Chipset	2*BCM53346+2*B50282+6*PD69208M+PD69200
Standards	IEEE 802.3i,IEEE 802.3u,IEEE 802.3ab,IEEE 802.3az
	IEEE 802.3ae,IEEE802.3x,IEEE802.3z,IEEE802.3ad
	IEEE802.1P,IEEE802.1Q
Network Media (Cable)	10BASE-T: UTP category 3,4,5 cable (maximum 100m) 100BASE-Tx: UTP category 5,5e cable (maximum 100m) 1000BASE-T:UTP category 5e,6 cable (maximum 100m) 1000Base-X:MMF,SMF
	10GBase-X:MMF,SMF
1 x RJ45 Console Port	
Transfer Method	Store-and-Forward
Switching Capacity	176G
MAC Address Learning	16K
Packet Forwarding Rate	130.944Mpps
Packet Buffer	1.5MBytes
Jumbo Frame	12KBytes
Indicators	Per Device - Power,SYS
	Per Port - Link/Activity/Speed
Power Supply	100~240VAC,50/60HZ,48W, internal power
Power Consumption	Maximum: 33.4W(220V/50Hz)
Dimensions (WxDxH)	440x330x44.5mm (19" metal case)
Environment	Operating Temperature: 0?~45? Storage Temperature: -40?~70?
	Operating Humidity: 10%~90% non-condensing
	Storage humidity: 5%~90% non-condensing
Management	Support Telnet, SSH remote management
	Support the SNMP
	Support cluster with cluster network management



Port features	Support port isolation
	Support port loop detection
	Support the ULDP
	Support LLDP
	Support the Port Channel configuration
	Support LED shut - off
	Support Jumbo packet
VLAN&MAC Address	Support for MAC/strategy/port/protocol/IP subnet VLAN
	Support Dot1q tunnel
	Support GVRP
	VLAN - translation
	Support support MAC address automatic learning and aging
	Support the source MAC address filtering
STP	Support STP
QoS	Support WRR, WDRR queue scheduling algorithm
	Support flexible QinQ operation
Three layer forward and routing protocols	Support three layer forward
	Support the ARP configuration
	Support the static routing, OSPF, RIP configuration
	Support IPv4 and IPv6 routing
DHCP	Support the DHCP relay
	Support the DHCP Server
	Support DHCP Snooping
Multicast protocol	Support DCSCM configuration
	Support IGMP Snooping
	Support IPv6 multicast, MLD configuration
Safety features	Support 802.1 x, the Radius authentication
	Support for AM
	Supports IPv6 security RA configuration
	Support the MAB configuration
	Support SSL
	Support for protection against Dos attacks
	Support ACL
Reliability	Support MRRP
	Support ULPP

The network time	Support SNTP
	Support the NTP
Traffic monitoring	Support port mirror
	Support the flow

## Attributes

Attribute	Value
Anzahl Ports PoE/LAN:	48/0
Belüftung Switch:	Mit Lüfter
Einsatzort Switch:	19"
LAN Geschwindigkeit:	1Gbit/s
Management:	smart managed (WebGui)
PoE Budget:	<500 Watt
PoE Port Leistung:	30W at
SFP Geschwindigkeit:	SFP+ 10GBit
Weight:	5.5 Kg
Warranty:	24 Months

## Additional Images



## 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, bis 20Km
149616	ALLNET Switch Modul ALL4758-INDU SFP+(Mini-GBIC), 10Gbit Singlemode, LR/LC, Industrial -40 -+85Grad, DDM
128848	ALLNET Switch Modul ALL4760 SFP+(Mini-GBIC), 10Gbit Singlemode, bis 220m, LRM/LC,
146282	ALLNET Switch Modul ALL4767 SFP+(Mini-GBIC), 10Gbit, RJ45(TP), uncodiert
75932	Patchkabel RJ45 FTP(F/UTP) 0,25m grau, CAT5e, Synergy 21,
75939	Patchkabel RJ45 FTP(F/UTP) 0,5m grau, CAT5e, Synergy 21,
75946	Patchkabel RJ45 FTP(F/UTP) 1,0m grau, CAT5e, Synergy 21,
75959	Patchkabel RJ45 FTP(F/UTP) 2m grau, CAT5e, Synergy 21,
75966	Patchkabel RJ45 FTP(F/UTP) 3m grau, CAT5e, Synergy 21,
75973	Patchkabel RJ45 FTP(F/UTP) 5m grau, CAT5e, Synergy 21,
75979	Patchkabel RJ45 FTP(F/UTP) 7,5m grau, CAT5e, Synergy 21,
75986	Patchkabel RJ45 FTP(F/UTP) 10m grau, CAT5e, Synergy 21,
76091	Patchkabel RJ45, 15m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76029	Patchkabel RJ45, 0,25m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76036	Patchkabel RJ45, 0,5m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76043	Patchkabel RJ45, 1,0m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76056	Patchkabel RJ45, 2m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76063	Patchkabel RJ45, 3m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76070	Patchkabel RJ45, 5m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76077	Patchkabel RJ45, 7,5m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76084	Patchkabel RJ45, 10m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76091	Patchkabel RJ45, 15m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76117	Patchkabel RJ45, CAT6 250Mhz, 0,25m grau, S-STP(S/FTP), Synergy 21,
76124	Patchkabel RJ45, CAT6 250Mhz, 0,5m grau, S-STP(S/FTP), Synergy 21,
76133	Patchkabel RJ45, CAT6 250Mhz, 1,0m grau, S-STP(S/FTP), Synergy 21,
76151	Patchkabel RJ45, CAT6 250Mhz, 2m grau, S-STP(S/FTP), Synergy 21,

Part No.	Name
76160	Patchkabel RJ45, CAT6 250Mhz, 3m grau, S-STP(S/FTP), Synergy 21,
76169	Patchkabel RJ45, CAT6 250Mhz, 5m grau, S-STP(S/FTP), Synergy 21,
76178	Patchkabel RJ45, CAT6 250Mhz, 7,5m grau, S-STP(S/FTP), Synergy 21,
76187	Patchkabel RJ45, CAT6 250Mhz, 10m grau, S-STP(S/FTP), Synergy 21,
76196	Patchkabel RJ45, CAT6 250Mhz, 15m grau, S-STP(S/FTP), Synergy 21,
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
191685	ALLNET Switch Modul ALL4768 SFP+(Mini-GBIC), 10Gbit Singlemode, LR/LC, bis 40Km
191686	ALLNET Switch Modul ALL4769 SFP+(Mini-GBIC), 10Gbit Singlemode, LR/LC, bis 80Km
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,
188435	CyberPower USV, OR-Serie, 1000VA/600W, Line-Interactive, LCD, 19"/1HE, USB/RS232, IEC C13 Kaltgeräte
188439	CyberPower USV, OR-Serie, 1500VA/900W, Line-Interactive, LCD, 19"/1HE, USB/RS232, IEC C13 Kaltgeräte
175260	GBIC-Mini, SFP+, 10GB, TP(RJ45), 10GBASE-T, kompatibel für Intel, Intel-Code oder Uncodierte,