

ALLNET Switch managed L2+/L3 industrial 16 Port Gigabit / 12x PoE / 4x SFP / Lüfterlos / DIN / IP40 / "ALL-SGI8016PM"



EAN CODE



Highlights:

- 12x10/100/1000M PoE-Downlink-Ports, 4x1000M SFP-Ports
- Unterstützt PoE-Leistung von bis zu 30W/Port
- Unterstützt L3-Management, wie OSPF, RIP, QoS, VLAN, MSTP, Multi-Broadcast, Ports-Management und PoE-Management
- 6KV Überspannungsschutz, 8KV Kontakt /15KV Luft ESD-Schutz
- Erweiterter Temperaturbereich -40°C ~+75°C

Der ALLNET ALL-SGI8016PM ist ein professioneller und dennoch erschwinglicher industrieller L3 PoE-Switch mit 16 Gigabit-Ports, der bis zu 12*10/100/1000M PoE-Downlink-Ports und 4* 1000M SFP-Ports unterstützt. Die 12*10/100/1000M Ports unterstützen PoE+ und entsprechen dem IEEE 802.3af/at Standard, die PoE-Leistung pro Port beträgt bis zu 30W.

Er unterstützt ein L3-Management wie OSPF, RIP, QoS, VLAN, MSTP, Multi-Broadcast, Port-Management und PoE-Management und verfügt über 6KV Überspannungsschutz, 8KV Kontakt/ 15KV Luft ESD-Schutz. Die Wand-, Tisch- und Hutschieneninstallation ist zuverlässig und langlebig und kann in Sicherheitsnetzwerken, bei der Videoüberwachung, in der Netzwerktechnik und bei anderen Gelegenheiten eingesetzt werden.

Technical Details:

Parameter	Specifications
Power supply	Powered by power adaptor
Range of voltage	2*DC 48~57V, redundancy power supply



Consumption	Self consumption<20W
Downlink ports	10/100/1000Base-T 30W PoE RJ45(IEEE 802.3af/at)
Uplink ports	Ports 13~16 1000M SFP slots
Cable and distance	Use cat5e/6,100m max
Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
Switch fabric	32Gbps
Through put	23.8Mpps
Buffer	4M
MAC address table	16K
Indicator	Power: 2 *red ; Uplink 13~16: green LEDs indicate Link/Act Downlink 1~12: On RJ45 green LEDs indicate Link/Act, yellow LEDs indicate PoE
Protection	Surge: 6KV, standard: IEC61000-4-5 ESD: 8KV: contact/15KV: air, standard:IEC61000-4-2
Working temperature	-40°C~+75°C
Storage temperature	-40°C~+85°C
Humidity	0~95%(No condensation)
Dimension(L×W×H)	165 mm×114 mm×46mm
Material	Metal
Colour	Black
Net-weight	530g
L2 Features Port configuration	Auto-negotiation
	Flow Control
	Port Mirror
L2 Features Link Aggregation	Traffic statistics
	Static link aggregation
	LACP
	Algorithm based on Source/Destination MAC
	Algorithm based on Source/Destination IP
	8 groups
	8 ports per group
L2 Features MAC Table	Aging Time
	Static MAC address
	Dynamic MAC address management

L2 Features VLAN	4K Active VLANs
	4K VID
	802.1Q Tag VLAN
	Port VLAN
	Protocol VLAN
	MAC VLAN
	Management VLAN
	Voice VLAN
	Q-in-Q
	Private VLAN
	GARP/GVRP
L2 Features ACL	64 ACLs
	L2, L3 e L4
	Time-based ACL
L2 Features Spanning tree	802.1D Spanning Tree Protocol (STP)
	802.1w Rapid Spanning Tree Protocol (RSTP)
	802.1s Multiple Spanning Tree Protocol (MSTP)
	Loop Guard
	Root Guard
	TC-BPDU Guard
	BPDU Guard
	BPDU Filter
L2 Features Multicast	256 groups
	IGMP v1/v2/v3
	Fast Leave
	Multicast VLAN
	Static Multicast
	Multicast Filter
	IGMP Statistics
	MLD Snooping
L2 Features PoE management	Support total power consumption control
	Support single port PoE ON/OFF
	Support port output priority
L2 Features QOS	4 priority queues
	CoS port-based
	CoS 802.1p-based



	CoS DSCP-based
	Scheduling algorithms SP, WRR, SP+WRR
	Storm Control (Broadcast, Multicast, Unknown Unicast)
	Bandwidth control per port
Security Features	Port Security
	MAC address filter
	ARP Association (Manual, ARP scanning, DHCP snooping) up to 200 entries
	ARP Protection
	DoS (Denial of Service)
	Classification of packages based on: End.MAC, IP End, TCP / UDP Ports, Protocol Type
	802.1x Autentication (port-based e MAC-based)
	TACACS/TACACS+ Autentication
	RADIUS Autentication
	DHCP Filter
	Guest VLAN
	SSLv2/SSLv3/TLSv1
	SSHv1/SSHv2
	Restriction of WEB access based on: IP Address, And. MAC and Port
	Port Isolation
	Local User Name Password Authentication (2 levels)
	Loopback detection
Management	SNMP v1/v2c/v3
	RMON 4 grupos
	WEB (HTTP/HTTPS)
	CLI (Telnet, Console, SSHv1/v2)
	Firmware upgrade via console/web/TFTP
	Configuration Backup/Reload
	All possible configurations in the CLI must exist in the WEB interface
	LLDP
Other Features	DHCP Relay
	DHCP Client
	DHCP Snooping
	DHCP Option 82

Maintenance	SNTP Client
	BOOTP Client
	Ping and Tracert
	System log (Local and Remote)
L3 Features	Memory and CPU Monitoring
	Static Routing
	OSPFv2
	RIPv1/v2
IPV6	DHCP Server
	IPv6 neighbor discovery (ND)
	Path maximum transmission unit (MTU) discovery
	Internet Control Message Protocol (ICMP) version 6
	TCPv6/UDPv6
	Ping6
	Tracert6
	Telnet(v6)
	Http/Https
	IPv6 TFTP
	Static Routing
	Interface IPV6

Merkmale

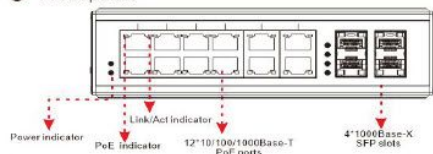
Merkmal	Wert
Anzahl Ports PoE/LAN:	12/0
Belüftung Switch:	Lüfterlos
Einsatzort Switch:	Industrial DIN
Extra Features:	IP40
LAN Geschwindigkeit:	1Gbit/s
Management:	full managed
PoE Port Leistung:	30W at
SFP Geschwindigkeit:	SFP 1GBit
Gewicht:	0.42 Kg
Garantie:	24.00 Monate

Weitere Bilder



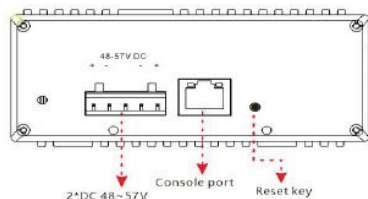
❖ Panel diagram

● Front panel

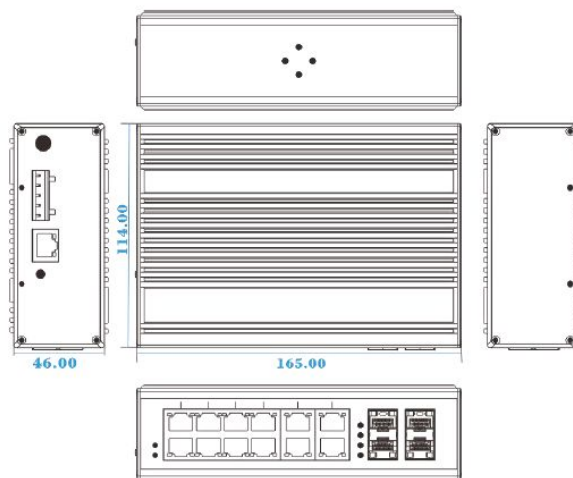


Attention 1: This product must be well grounded against lightning, please use better than 20# cable to connect the grounding terminal and ground.

● Left panel



❖ Dimensions



Zubehör

Art.-Nr.	Name
128033	ALLNET Switch Modul ALL4750-INDU SFP(Mini-GBIC), 1000Mbit, SX/LC, Industrial -40/+85 Grad,
128034	ALLNET Switch Modul ALL4751-INDU SFP(Mini-GBIC), 1000Mbit, LX/LC, 10Km, Industrial, -40/+85 Grad,
131244	Synergy 21 Netzteil - 48V 240W Mean Well Hutschiene

Art.-Nr.	Name
146994	Synergy 21 Netzteil - 48V 480W Mean Well Hutschiene
174789	Synergy 21 Netzteil - 48V 480W Mean Well Hutschiene parallel Funktion
146996	Synergy 21 Netzteil - 48V 960W Mean Well Hutschiene
140955	TP(RJ45) POE-Tester, at/af, Endspan/Midspan, standard, Synergy 21,
200364	ALLNET 19"zbh. Gerätehalter für Hutschiene/DIN-Rail Geräte, T150mm/5HE, Lichtgrau, Frontmontage,
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
90560	Synergy 21 LED zub Schraubklemme KEFA (Phoenix® kompatibel) Stecker 5 F
193038	ALLNET DIN-RAIL Wandgehäuse, T223mm, Lichtgrau, IP55, SO-DIN-Serie,
193039	ALLNET 19"Wandgehäuse, 6HE, T488mm, Lichtgrau, IP55, SO-Serie, incl. 2-Fach Lüftereinheit
193040	ALLNET 19"Wandgehäuse, 9HE, T488mm, Lichtgrau, IP55, SO-Serie, incl. 2-Fach Lüftereinheit
193041	ALLNET 19"Wandgehäuse, 12HE, T488mm, Lichtgrau, IP55, SO-Serie, incl. 2-Fach Lüftereinheit