

ALLNET Switch industrial smart managed Layer2+ 16 Port GbE • PoE Budget 360W • 12x PoE+ • 4x SFP • Fanless • DIN • ALL-SGI8016PM

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EAN CODE



ALLNET Switch ALL-SGI8016PM managed L2+/L3 industriel 12 Port Gigabit / 12x PoE / 4x SFP / sans ventilateur / DIN / IP40

Points forts :

- Avec 12*10/100/1000M de ports PoE en liaison descendante, 4*1000M de ports SFP ;
- Supporte une puissance PoE allant jusqu'à 30W chacun ;
- Prise en charge de la gestion L3, telle que OSPF, RIP, QoS, VLAN, MSTP, Multi-broadcast, gestion des ports et gestion PoE ;
- Protection contre les surtensions de 6KV, contact de 8KV / protection ESD aérienne de 15KV ;
- Supporte une température de fonctionnement de -40°C ~+75°C.

ALLNET ALL-SGI8016PM est un commutateur PoE L3 industriel professionnel mais abordable, avec 16 ports Gigabit, supportant jusqu'à 12*10/100/1000M ports PoE descendants et 4* 1000M ports SFP. Les 12*10/100/1000M ports prennent en charge le PoE+ et sont conformes à la norme IEEE 802.3af/at, la puissance PoE par port pouvant atteindre 30W.

Il prend en charge la gestion L3 telle que OSPF, RIP, QoS, VLAN, MSTP, multidiffusion, gestion des ports et gestion PoE, et prend en charge la protection contre les surtensions 6KV, la protection ESD 8KV contact/15KV air. L'installation murale, de bureau et sur rail din est fiable et durable, et peut être utilisée pour la vidéosurveillance sur réseau de sécurité, l'ingénierie réseau et d'autres occasions.

Technical Details:



No. d'article: 189896
 Numéro de fabricant: ALL-SGI8016PM

| 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 |
| Though 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(LxWxH) | 165 mmx114 mmx46mm |
| 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 |



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|----------------------------|---|
| 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 |



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|-------------------|--|
| 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 |

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|-------------|--|
| | DHCP Client |
| | DHCP Snooping |
| | DHCP Option 82 |
| | SNTP Client |
| | BOOTP Client |
| Maintenance | Ping and Tracert |
| | System log (Local and Remote) |
| | Memory and CPU Monitoring |
| L3 Features | Static Routing |
| | OSPFv2 |
| | RIPv1/v2 |
| | DHCP Server |
| IPV6 | 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 |

Attributs

| Attribut | Valeur |
|-----------------------|----------------|
| 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 |

| Attribut | Valeur |
|----------------------|------------|
| SFP Geschwindigkeit: | SFP 1GBit |
| Poids: | 0.42 Kg |
| Garantie: | 24.00 Mois |

Accessoires

| No. d'article | Désignation |
|---------------|--|
| 128033 | ALLNET Switch Modul ALL4750-INDU SFP(Mini-GBIC), 1000Mbit MM |
| 128034 | ALLNET Module de commutation ALL4751-INDU SFP(M-GBIC), 1G SM |
| 131244 | Mean Well Alimentation électrique du puits moyen - 48V 240W |
| 146994 | Mean Well Power Supply - 48V 480W DIN Rail |
| 174789 | Synergy 21 Netzteil - 48V 480W Mean Well Hutschiene parallel Funktion |
| 146996 | Mean Well Power Supply - 48V 960W DIN Rail |
| 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® kompatible) Stecker 5 F |
| 219373 | 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 |



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