ALLNET ALL-SGI8104PM Switch Industrial 4x GB PoE

A destacar:

- 4 puertos Gigabit con soporte de PoE AF-AT hasta 30W por puerto
- 2 puertos SFP
- Puertos PoE 1-4 máx. PoE IEEE802.3at 30W
- PoE Budget máximo 120W
- Carcasa metálica sin ventilador con disipación de calor optimizada
- Uso sencillo como unidad de sobremesa, montaje en pared o carril DIN.
- Rango de temperatura ampliado de -40° ~ +80°
- Clase de protección: IP40

El ALL-SGI8104PM Switch Gigabit industrial gestionable de 4 puertos con soporte PoE en todos los puertos de cobre y es el más adecuado para el suministro simultáneo de datos y energía a cámaras IP u otros dispositivos PoE que requieren hasta 30W. El Switch se puede conectar a la infraestructura a través de puertos Gigabit de cobre o 2 puertos SFP ópticos. Para los dispositivos PoE, hay disponibles 4 puertos Gigabit que transmiten hasta 30W al dispositivo final conectado.

Para garantizar un uso seguro y fiable en entornos industriales, el hardware está protegido por una carcasa metálica estable y puede utilizarse en un rango de temperatura de -20 a +70 grados. El ALL-SGI8104PM también ofrece varias opciones para un montaje seguro en mesa, pared o riel DIN. El switch también admite funciones gestionadas como VLAN, QoS Quality of Service, RSTP y SNMP.

Las características técnicas y la robusta carcasa del Switch lo convierten en la solución ideal para aplicaciones industriales. No incluye fuente de alimentación se debe pedir por separado!

Ports

4x gigabit RJ45 ports, 2x gigabit LC optical ports
Layer 2 Switching
Spanning Tree Protocol (STP)
Standard Spanning Tree 802.1d
Rapid Spanning Tree (RSTP) 802.1w
G.8032 ERPS
<50ms ring protection for industrial high reliable application
Aggregation
Link Aggregation Control Protocol (LACP) IEEE 802.3ad;
Up to 13 groups ;Up to 16 ports per group
VLAN
Support up to 4K VLANs simultaneously (out of 4096 VLAN IDs) ;Port-based VLAN; 802.1Q tag-based VLAN
IGMP v1/v2 snooping
IGMP limits bandwidth-intensive multicast traffic to only the requesters; Supports 1024 multicast groups (source-specific multicasting is also supported)

Security
Secure Shell (SSH) Protocol
SSH secures Telnet traffic in or out the switch, SSH v1 and v2 are supported
Secure Sockets Layer (SSL), HTTPS
SSL encrypts the http traffic, allowing advance secure access to the
Port Security
browser-based management GUI in the switch
DHCP Snooping
Locks MAC Addresses to ports, and limits the number of learned MAC addresses
Prevent unauthorized configuration and use of IP addresses, while providing support for IP Source Guard and ARP detection
IP Source Guard
Prevents datagram with spoofed addresses from being in the network
ARP Inspection
Prevent ARP
Storm control
Prevents traffic on a LAN from being disrupted by a broadcast, multicast, or unicast storm on a port
ACLs
Support for up to 256 entries; Drop or rate limitation based on source and destination MAC, VLAN ID or IP address, protocol, port, differentiated services code point (DSCP) / IP precedence, TCP/ UDP source and destination ports, 802.1p priority, Ethernet type, Internet Control Message Protocol (ICMP) packets, IGMP packets, TCP flag

Quality of Service
Hardware
Support 8 hardware queues
Priority Queue
8 COS queues per port support strict priority and weighted
Scheduling
Port based; 802.1p(PCP) VLAN priority based;
Classification
Ingress policer:egress shaping and rate control:per VLAN,per port and flow based
Rate Limiting
Management (Web/ SSL, Telnet/ SSH, ping, Trivial File Transfer Protocol (TFTP), Simple Network Management Protocol (SNMP), Syslog)
Web GUI
Built-in switch configuration utility for browser-based device configuration (HTTP/ HTTPS). Supports
configuration, system dashboard, maintenance, and monitoring
Dual image provides independent primary and secondary OS files for backup while upgrading
Web browser upgrade (HTTP/HTTPS) and TFTP; Upgrade through console port as well
Traffic on a port can be mirrored to another port for analysis with a network analyzer or RMON probe. Up to N-1 (N is Switch’s Ports) ports can be mirrored to single destination port. A single session is supported.
Single IP management; HTTP/HTTPS; SSH; RADIUS; DHCP Client; SNTP; cable diagnostics; ping; syslog; Telnet client (SSH secure support)

Green Ethernet
Compliant IEEE802.3az Energy Efficient Ethernet Task Force. Automatically turns off power on Gigabit Ethernet RJ-45 port when detecting link down or Idle of client. Active mode is resumed without loss of any packets when the switch detects the link up
Adjusts the signal strength based on the cable length. Reduces the power consumption for cables shorter.

Cable length detection
Frame sizes up to 9KB supported on Gigabit interfaces
Up to 8K MAC addresses

General
Used by network devices for advertising their identities, capabilities, and neighbors on a IEEE 802 local area network, principally wired Ethernet.

Jumbo frames
EE802.3af/at
Max. Power per PoE Port: 30W
4 ports support PoE
End-span (Mid-span optional)

MAC Table
Up to 8K MAC addresses

Discovery
Link Laye Discovery Protocol (LLDP)

PoE
Protocol (LLDP)

PoE Standard

Power

PoE Ports

Power Pin Type

Minimum Requirements
Web browser: Mozilla Firefox version 2.5 or later, Microsoft Internet Explorer version 6 or later; Category 5 Ethernet network cable;
TCP/IP, network adapter, and network operating system (such as Microsoft Windows, Linux, or Mac OS X) installed on each computer in network

Environmental (preliminary)
Dimensions
165x145x45mm
Working
Operating temperature: -10 to 60 °C; Storage temperature: -20° to 70 °C;
Operating humidity: 10% to 90%, relative, non-condensing
Accesorios

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