



ALLNET

ALL-SGI8210PM

Smart managed Industrial Switch 8x PoE / 4SFP

- 8x 10/100/1000Base-T Ethernet ports(PoE), 4x 1000 BASE-X SFP ports (Uplinks)
- buffer reaches 4Mbps, Support 4K high-definition video transmission
- IEEE802.3 af/at standard, max. 60W PoE output per port
- support Web-based network management, VLAN, QoS, RSTP, SNMP
- support relay alarm for: power off, network broken, PoE off
- 6kV surge immunity, 8kV ESD protection and antiinterference ability
- -40°C ~ +75°C working temperature

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The ALL-SGI8210PM is a 8 Ports Industrial Full Gigabit PoE Managed Switch which provides 8 10/100/1000 Base-T Ethernet ports and 4 1000 BASE-X SFP ports (Uplinks). The switch provides up to 4Mbps cache while supporting 4K high-definition video transmission.

Besides, the 8 downlink PoE ports support IEEE802.3af/at standard.

The PoE output power of single port is up to 60W. The ALL-SGI8210PM features high-speed dome, web-based network management, VLAN, QoS, RSTP, SNMP and other network functions. The working temperature is -40 ~+75°C, it offers a strong level of protection from lightning, anti-interference. It fully satisfies the needs of security video surveillance projects.

Specifications - Hardware

Item	Specification
Downlink Ports	8x 10/100/1000 Base-T PoE Ethernet ports
Uplink Ports	4x 1000 Base-X SFP ports
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
Bandwith	24Gbps
Packet Transfer Rate	18Mbps
Exchange Way	Storage & transfer
Buffer	4Mbps
MAC Address	8K
PoE Standard	802.3af/at, 60W PoE
PoE Power Supply	End-span
PoE Line Pair	1/2(+), 3/6(-)
PoE Output	PoE Output of Single port ≤60W (54V DC); PoE Output of Total Machine ≤135W (Default Port1 Output max. 60W, Port2~8 max. 30W Output. Can be changed via Web software)
Surge Immunity	6KV Per: IEC61000-4-5
ESD Protection	ESD Level 4 Per: IEC61000-4-2; RS Level 4 Per: IEC61000-4-3; EFT Level 4 Per: IEC61000-4-4; CS Level 4 Per: IEC61000-4-6
Input Voltage	48~57V DC
Power Consumption	<300W (Contains PoE)
Operation Temperature	-40 ~+75°C
Storage Temperature	-40 ~+85°C
Operation Humidity	5%-95%
Dimension (LxWxH)	159mm × 110mm × 46.5mm
Weight	1kg
Authentication	CE, FCC, ROHS



Specifications - Software

Item	Specification
Port Management	Support Port Enable/Disable Support Port Rate Settings Support Port Full-duplex Mode Support IEEE802.3x Flow Control Support Port Name Change
VLAN	Support 4K VLAN Support 802.1Q Protocol-Based VLAN Support Port-Based VLAN
QoS	Support QoS Support 8-Level Priority management for switching Support WRR Support 820.1P and DSCP Priority
Multicast Management	Support SNMP V1/V2/V3 Protocol Support IGMP Snooping
PoE Management	Support Total Power Consumption Control Support PoE ON/OFF Support Single Port 60W/30W max. Power Change and Port Output Priority
Safety Character	Support IP, MAC, Port, VLAN Combination and Binding Support MAC address auto-learning, aging& filter Support Port Isolation, Port Speed-Limited Support RSTP Support 5 groups of 8-Port trunk Support RADIUS Authentication& 802.1X Authentication
System Management& Maintenance	Support WEB Management, CLR Settings and telnet Settings Support CLR Settings Support FTP/TFTP/HTTP Web Upgrading Support Flow Calculate Support MAC address Form Search Support IP Address, DNS Server Change Support Username& Password Change Support History Record, Journal management Support System settings Backup