



ALLNET ALL-SG8318PM

16 Port Gigabit PoE cooper + 2x SFP smart managed, fanless

- 16 port Gigabit non-blocking switch architecture
- Supports NWay protocol for speed (10/100 / 1000Mbps) and duplex mode (half / full) auto-detection
- Supports back-pressure (half duplex), flow control (IEEE 802.3x and IEEE 802.3az Energy Efficient Ethernet)
- VLAN „64 Static / Port-Based / Tagged Based
- Link Aggregation (IEEE802.3ad LACP & Static Trunk)
- IGMP Snooping
- QoS (QoS multi-label, queue config, QoS mapping)
- Storm Control
- Total-fanless, no annoying noise more ... max. 265W Budget
- 19 „inch angle“ or wall / table mounting possible

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The new ALLNET ALL-SG8318PM switch provides an optimal basis for small and medium-sized workgroups with high network and data volume, and enables fast data transmission in the network.

With a total of 16 backward-compatible Gigabit PoE ports, the connected PoE devices are reliably and efficiently connected to each other.

Due to the fanless design, the ALL-SG8318PM is also ideally suited for office environments, since no disturbing noises are generated. The switch is smart manageable and supports all necessary standards such as QoS, VLAN, Storm Control or IGMP Snooping. This ensures the highest performance and security in your network.

The robust metal housing is suitable for mounting in a 19" cabinet as well as for wall mounting. The ALL-SG8318PM also has 2x SFP miniGBIC slots to connect remote server / uplink devices via Lichwell cable.



Technische Daten:

Element	Specification
Capability:	Layer 2-Switch, smartmanaged, Store and Forward, Auto-Negotiation
Switch-Typ:	standalone
Switching-Ports:	16x RJ45 10/100/1000BaseT(X)
	2x SFP miniGbits Slots
	1x Console Port
Uplink:	on all Ports possible (Auto MDI/MDI-X)
Full Duplex Mode:	yes
Packet Buffer Memory:	4,1Mbit
Jumbo Frame:	9216Bytes
Switch Capacity:	36Gbps
Adresse-Management:	self learned
MAC-Adress-Table:	8000
LED indicators:	Link/Act/Speed
	10/100Mbps: Orange
	1000Mbps: Green
	PoE: Yellow
Power supply:	100 - 240V AC, 50/60Hz internal power
Power Consumption:	max. (PoE ON) 420,4W (220V/50Hz)
Standards:	IEEE802.3 10BaseT
	IEEE802.3u 100BaseTX
	IEEE802.ab 1000BaseT
	IEEE 802.3z 1000BaseSX/LX
	IEEE802.1ab Link Discovery Protocol (LLDP)
	IEEE802.3x full-duplex operation and flow control
	IEEE802.1p class of service, priority protocols
	IEEE802.1Q VLAN Tagged Based
	IEEE 802.3af PoE 15,4W
	IEEE 802.3at PoE 30W
VLAN:	Support the Trunk port
	Support Hybrid port
Qos Features:	Supporting QoS tag
	Support SP, RR, WRR and WFQ queue scheduling policy
	Support for mapping the queue



Security:	Support ACL
	Support MAC filtering based on port
	Support port isolation
	Support port storm suppression
	Support DHCP Snooping
	Support the DHCP attack, DOS, IP source protection, the ternary binding
Management:	Support the SNMP
	Support WEB network management
	Support user password protection
	A key to support to collect information
	Support command line configuration
	Support the console port
	Support the ghost
	The supporting configuration backup and restore
MSTP:	Support MSTP
Trunk:	Support port trunk, each aggregation mouth up to eight members of the mouth can be bound
Port mirror:	Support two-way flow image based on port
Port bandwidth control:	Support for message flow in and out of the port speed limit
Equipment maintenance:	Support the Syslog (log) system
	Support the Ping Traceroute detection/support
	Support cable monitoring
Housing:	19 "Housing, Bracking included
Dimensions: (W x D x H)	440*330*44mm
Environment:	Operating Temperature: 0 ~ 40 °C
	Operating Humidity:: 10% ~ 90% non-condensing
	Storage Temperature: -40 ~ 70°C
	Storage Humidity: 5% ~ 90% non con-condensing
Marks:	CE