

ALLNET Switch unmanaged Layer2 18 Port • PoE Budget 240W • 16x PoE at • 2x SFP • 19" • Fanless • ALL-SG8018P

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ALLNET Switch unmanaged 18 port Gigabit 240W / 16x PoE+ / 2x SFP / Fanless / 19" / "ALL-SG8018P"

Highlights:

- 16 x 10/100/1000Mbps Auto MDI/MDI-X Ethernet port
- 2x SFP Gigabit ports
- Fanless
- Supports Jumbo frames 10K bytes.
- PoE Alternative A (Pin 1,2/3,6)

Introducing the ALLNET Switch unmanaged Layer2 18 Port – a powerful networking device designed for small-scale environments, renowned for its impressive performance and silent operation.

Featuring 16 x 10/100/1000Mbps Auto MDI/MDI-X Ethernet ports, this switch offers reliable connectivity for your network devices. The 2x SFP Gigabit ports allow seamless integration of fiber connections, enhancing the flexibility of your network infrastructure.

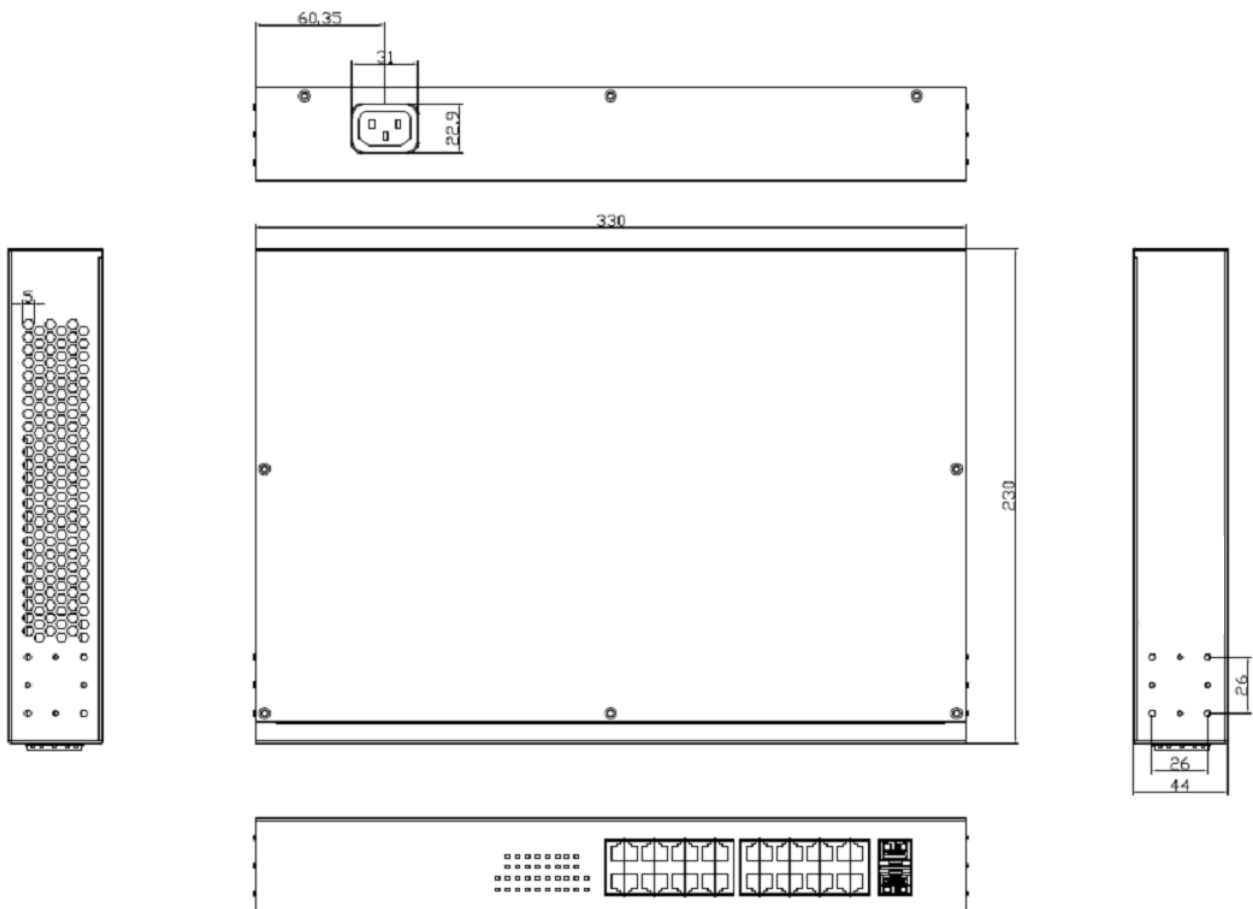
With a PoE budget of 240W, this switch can power PoE-enabled devices without the need for additional power cables, simplifying installation and maintenance tasks. Supporting Jumbo Frames up to 10K bytes, it efficiently handles large data transfers.

Designed with a fanless architecture, this switch is perfect for environments where absolute silence is required. Its silent operation ensures quiet performance without compromising on functionality or power.

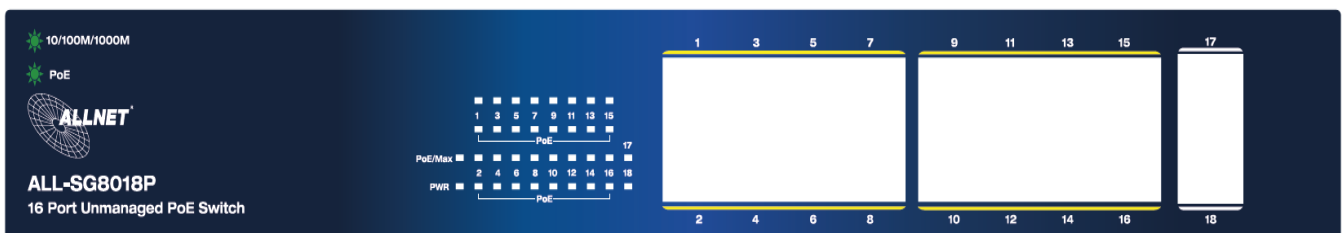
Equipped with optional SFP slots, you can expand the switch with two additional uplink ports, supporting both fiber and copper connections to meet the diverse needs of your network.

Rely on the ALLNET Switch unmanaged Layer2 18 Port – the ideal solution for a high-performance and noise-free networking environment.

Mechanical Drawings:



Front-Panel:



Technical Details:

Items	Specifications
Model No.	ALL-SG8018P
Key Components	RTL8382L+RTL8218D IP808ARx2
I/O ports	16x GbE ports, RJ45 2x SFP Giga Ports
PoE ports	Port# 1~ 16 IEEE802.3at, IEEE802.3af
LED Define	<p>PWR: Green LED</p> <ul style="list-style-type: none"> • Off: power off or fail • On: power on <p>PoE Max.: Green LED</p> <ul style="list-style-type: none"> • Off: No over PoE max power Alert • On: Over PoE max power Alert <p>16 RJ45 Port LED: one bi-color LEDs on daughter board</p> <p>Link/ACT: Green/Amber</p> <ul style="list-style-type: none"> • Off: port disconnected or link fail • Green on: 10/100/1000Mbps connected • Blinking: sending or receiving data <p>PoE: Green LED</p> <ul style="list-style-type: none"> • Off: PoE power output off • Green on: PoE power output on <p>SFP Port:</p> <ul style="list-style-type: none"> - Off: disconnected or fail - Green: 100/1000Mbps connected - Blinking: data transmitting
HW feature	IEEE802.3 10BASE-T



	<p>IEEE802.3u 100BASE-TX</p> <p>IEEE802.3ab 1000BASE-T</p> <p>IEEE802.3x flow control & back pressure</p> <p>IEEE802.3z 1000Base SX/LX</p> <p>IEEE802.3az EEE Disable</p> <p>IEEE802.3at, IEEE802.3af</p> <p>Switch Capacity: 36Gbps bi-direction</p> <p>Forwarding Mode: Store and Forward</p> <p>MAC address Table: 8K</p> <p>Packet buffer size: 4.1M bit</p> <p>Jumbo Frame: 10K bytes</p>
Power Input	<p>Internal power supply</p> <p>Input: 100-240V AC</p> <p>Output: 280W</p> <p>E-cap life time >3 years @ 40°</p>
PoE power pin-out	<p>Alternative A (Pin 1,2/3,6)</p>
PoE Output power capacity	<p>Maximum output :30W per each port</p> <ol style="list-style-type: none"> 1. Compliant with IEEE802.3af/at standard, Following IEEE802.3at/at to support PoE or PoE+ 2. Automatically discover the connection of PD device and immediately sends power to it 3. Auto disable port if the port current is over 700mA or short happens 4. Priority can be configured and default setting is lower port NO. has high priority 5. The maximum power used by power devices is defined by the following classification. When Port works in Auto Mode, the output port power limit will be associated with PD classification Value.

Class	Usage	Minimum Power Levels Output at the PSE	Maximum Power Levels at the Powered Device
0	Default	15.4W	0.44 to 12.95W
1	Optional	4.0W	0.44 to 3.84W
2	Optional	7.0W	3.84 to 6.49W
3	Optional	15.4W	6.49 to 12.95W
4	Optional	30W	12.95W to 25.5W

Follow the standard PSE pin-out standard of Alternative A (MAD-X) which is sending out power over number 1,2,3,6 pins of 8 wires of Ethernet CAT5 UTP cable

PoE Power Budget	240Watt
Dimension	330mmx230mmx44mm
FAN Design	FANLESS
Temperature	Operating: 0 ~ 40°C Storage : -40 ~ 70°C
Humidity	Operating: 10% ~ 90% RH (non-condensing) Storage: 5% ~ 90% RH (non-condensing)

Attributes

Attribute	Value
Anzahl Ports PoE/LAN:	16/0
Belüftung Switch:	Lüfterlos
Einsatzort Switch:	19"
LAN Geschwindigkeit:	1Gbit/s
Management:	unmanaged
PoE Budget:	<300 Watt
PoE Port Leistung:	30W at
SFP Geschwindigkeit:	SFP 1GBit;
Weight:	5 Kg
Warranty:	24.00 Months

Accessories

Part No.	Name
122504	ALLNET 19"Wand Winkel, 1HE, T54mm, Lichtgrau, SMW-Serie,
122513	ALLNET 19"Wand Winkel, 2HE, T98mm, Lichtgrau, SMW-Serie,
122514	ALLNET 19"Wand Winkel, 3HE, T142mm, Lichtgrau, SMW-Serie,
99305	ALLNET / ALL95100 TP Cat 6 / PoE Surge arrester
115128	ALLNET / ALL95101 TP Cat 6 / ADSL / VDSL / ISDN Surge protec
198028	ALLNET TP Cat 6 Überspannungs-/Blitzschutz Surge Protector A
193972	ALLNET RJ45 Sicherungskupplung, Abwurfbuchse, PoE fähig, bis
201008	TP-TP coupling, CAT6A, female, 1:1 ,8-pin, RJ45, magnetic fuse coupling 50pcs bulk set, drop socket, PoE capable, up to 10Gbit - ALL-RJ45-Magnet-50pcsBulk
168085	ALLNET / ALL-LAN-ISO-4kV, Aislador Gigabit LAN/Bloqueador PoE 4kV
27947	ALLNET ALL4750 / Switch module SFP (mini Gbic), 1000Mbit, SX
59391	ALLNET ALL4753 / Switch module GBIC Mini module, 1000Mbit, L
59393	ALLNET ALL4755 / Switch module SFP (mini Gbic), 1000Mbit, ZX
59426	ALLNET ALL4751 / Switch module, GBIC mini module, 1000Mbit,
114334	ALLNET Switch Modul ALL4752 SFP(mini Gbic), 1000Mbit, LHX/LC
128033	ALLNET Switch Modul ALL4750-INDU SFP(Mini-GBIC), 1000Mbit MM
128034	ALLNET Switch Module ALL4751-INDU SFP(Mini-GBIC), 1000Mbit,
143548	ALLNET Switch Module ALL4756 SFP(Mini-GBIC), 1000Mbit, ZX/LC
166757	ALLNET Switch Modul ALL4752-INDU SFP(Mini-GBIC), 1000Mbit, LX/LC, 20KM, Industrial, -40/+85 Grad,
140675	ALLNET Switch Module ALL4765 SFP(Mini-GBIC), 1000Mbit
208404	ALLNET Switch Modul ALL4765-INDU SFP(Mini-GBIC), 1000Mbit, RJ45(TP), Industrial -40/+85 Grad,

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