

ALLNET Switch smart managed Layer2 10 Port • 8x 1 GbE • PoE Budget 240 Watt • 8x PoE at / 2x PoE bt • 2x SFP • Fanless • 19" • ALL-SG8410PM

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Highlight:

- 8 port Gigabit PoE switch Base-TX and 2x port SFP
- **Compact design fits into 19" network cabinets. (Both brackets are included in the scope of delivery, optional wall mounting "screws and cables, on-site)**
- **Ports 1-2 PoE IEEE802.3bt up to max. 90W**
- Ports 3-8 PoE according to IEEE802.3at up to max. 30W
- Support of L2 switching functions, including VLAN, trunk group, port mirroring, etc.
- Supports advanced management via WEB
- Supports PoE management, such as activate/deactivate PoE, PoE reboot, extend PoE mode.
- Supports permanent PoE, reboot software or software upgrade PoE non-stop
- 4KV & overvoltage protection, 6KV contact/8KV air protection
- Mounting: Wall or magnet mounting possible via threaded screws
- **240W PoE budget for maximum performance**

Present the ALLNET ALL-SG8410PM Lite Management PoE Switch – your gateway to efficient monitoring and SMB connectivity!

Optimise your network infrastructure with the innovative ALL-SG8410PM, a versatile 8-port PoE switch tailored for smart surveillance and small to medium sized businesses. Designed to simplify operations, this switch offers a



comprehensive range of features while eliminating unnecessary complexities.

With 8 high-speed 10/100/1000Mbps RJ45 ports, including 2 ports with breakthrough BT 90W power and 6 ports with 30W PoE, the ALL-SG8410PM ensures seamless connectivity for your devices. Whether IP cameras, VoIP telephones or other network peripherals - this switch offers reliable power supply and data transmission.

But that's not all– the ALL-SG8410PM stands out as one of the pioneering PoE web-managed switches on the market, offering unrivalled installation flexibility. With the ability to be mounted in 19" network cabinets and the clever provision for magnetic mounting using metric threaded screws, this switch opens up a world of possibilities.

Say goodbye to limited mounting options – the ALL-SG8410PM offers you four versatile choices: 19"-rack mounting, integration into 10"-switch cabinets, magnetic mounting or wall mounting (screws and plugs to be provided by the customer). Whether you want to optimise space in a crowded server room or ensure seamless deployment in diverse environments, this switch adapts easily to your needs.

Manage your network effortlessly via the intuitive web-based user interface, which offers advanced features such as flow control, VLAN configuration and more. With the ALL-SG8410PM, you have control over your network infrastructure like never before.

Experience the future of networking with the ALLNET ALL-SG8410PM – Where innovation meets reliability and connectivity knows no bounds.

Use cases with a special focus on the multi-mounting options and the various PoE outputs:

1. IT resellers:

- Use the flexible mounting options of the ALL-SG8410PM to customise network solutions for different customer environments - whether in 10-inch cabinets, 19-inch racks, through magnetic mounting or wall mounting.
- Benefit from the different PoE outputs: The BT PoE outlets offer an impressive 90W of power for demanding devices such as PTZ cameras, while the AT PoE outlets manage with 30W of power for standard devices such as IP telephones.

2. Lighting range:

- Magnetic mounting capability allows lighting professionals to easily mount the ALL-SG8410PM to metal structures, simplifying the installation of smart lighting systems in various environments.
- The powerful PoE BT outlets enable direct power supply to high-end, high-power lighting units, while the AT PoE outlets can be used for standard LED lights.

3. Telecommunications area:

- Install the ALL-SG8410PM in different environments such as offices, server rooms or telecommunication facilities with different mounting options to optimise network performance
- .
- The combination of BT and AT PoE outputs enables flexible power supply for telecoms devices such as IP phones, wireless access points and more.



4. Electrician:

- Use the ALL-SG8410PM's versatile mounting options to seamlessly integrate it into electrical cabinets or systems, regardless of the available placement option.
- The powerful BT PoE outputs support the power supply of demanding industrial devices such as pan and tilt surveillance cameras, while the AT outputs can be used for standard devices such as access control systems.

5. Video surveillance area:

- Mount the ALL-SG8410PM flexibly in surveillance environments, whether in a 19-inch rack, on a wall or even on metallic surfaces using magnetic mounting to ensure optimal positioning of the PoE switches
- .
- The powerful BT PoE outputs provide sufficient power for high-resolution IP cameras with advanced functions such as PTZ control and night vision, while the AT outputs can be used for standard cameras.

These usage scenarios illustrate the versatility of the ALL-SG8410PM, both in terms of its mounting options and its support for different PoE output types, making it an attractive proposition for a wide range of professionals in various industries.

Technical details:

Model	ALL-SG8410PM
Copper Ports	8-10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports
Fibre ports	2x1G BASE-X SFP interfaces
PoE ports	1~2 supports IEEE802.3bt PoE Ports with max. 90W 3~8 supports IEEE802.3af/at PoE Port with max. 30W
Switch architecture	Store-and-Forward
Switch Fabric	20Gbps/non-blocking
Throughput	14.88Mpps @64 bytes
Address Table	2K entries



Share Data Buffer	1.5 Mb
Jumbo Frame	9600 bytes
Flash memory	4M
Flow control	IEEE 802.3x pause frame for full-duplex, Back pressure for half-duplex
Reset button	>5 sec: Factory default and reset
Power Supply	100~240V AC, 50/60Hz, 2.5A (max.)
Power consumption	Max.240 watts/1122 BTU
PoE standards	IEEE 802.3af/at/bt Ports 1-2 supports IEEE802.3bt)
LED indicators	Power: Green Solid on- power work normal, off- power disconnected System: Green Blink -work normally, off- soft work abnormal 10/100/1000T RJ45 interfaces (port 1 to port 8): PoE: Yellow Solid on- PoE work normally, Off- PoE doesn't work, LNK/ACT (Green) Fast Blink - port connected with data transmission; Slow blink-port connected without data transmission; Off- No port connection 10/100/1000T RJ45 interfaces (port 9 to port 10): Speed (Yellow) Solid on-10/100M; off-1000M LNK/ACT (Green) Fast Blink - port connected with data transmission; Slow blink-port connected without data transmission; Off- No port connection
EMC	Surge Immunity: 4KV Per: IEC61000-4-5 ESD Protection:ESD Level 4 Per: IEC61000-4-2 EFT Level 4 Per: IEC61000-4-4
Dimension	319x208x44mm
Weight	2.4 kg



Working temperature	-10°C to 45°C
Storage Temperature	-20°C to 70°C
MTBF	50,000hrs
Package list	8-Port 10/100/1000BASE-T +2 Gigabit SFP ports, 1~8 RJ45 ports support PoE power supply function EU power cable Mounting Kits (19" / 10" Brackets with Screws + Magnets QIG

Software functions

System setting	System information DHCP client enable/disable IP setting User account setting
Port configuration	Auto-negotiation flow control Port Mirror: TX/RX/BOTH; Many-to-1 monitor Traffic statistics Port isolation Loop prevention Storm Control (Broadcast, Multicast, Unknown Unicast) Bandwidth control per port
Link aggregation	Static link aggregation
MAC Address	March Search Static MAC address
VLAN	Port based VLAN
PoE management	Total PoE power budget control Per port PoE function enable/disable PoE reboot Extend PoE mode
Maintenance	Firmware upgrade via web Factory default Reset Save reboot



Attributes

Attribute	Value
Anzahl Ports PoE/LAN:	8/0
Belüftung Switch:	Lüfterlos
Einsatzort Switch:	19";10";
LAN Geschwindigkeit:	1Gbit/s
Management:	smart managed (WebGui)
PoE Budget:	<300 Watt
PoE Port Leistung:	30W at
SFP Geschwindigkeit:	SFP 1GBit
Weight:	3 Kg
Warranty:	24.00 Months

Accessories

Part No.	Name
125116	ALLNET 10"Wandgehäuse, 3HE, Lichtgrau, SMM-Serie,
125117	ALLNET 10"Wandgehäuse, 6HE, Lichtgrau, SMM-Serie,
125118	ALLNET 10"Wandgehäuse, 9HE, Lichtgrau, SMM-Serie,