

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

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Highlights:

- 8 port Gigabit PoE switch Base-TX and 2x port SFP
- **Compact design that fits into both 10" and 19" network cabinets. (Both brackets are included in the scope of delivery)**
- **Ports 1-2 PoE IEEE802.3bt up to max. 90W**
- Ports 3-8 PoE according to IEEE802.3at up to max. 30W
- Support L2 Switching features including , VLAN, Trunk group, port mirroring etc
- Support enhanced management through WEB
- Support PoE management, like PoE enable/disable, PoE Reboot, Extend PoE Mode.
- Support perpetual PoE, reboot software or software upgrade PoE non-stop
- 4KV surge protection, 6KV contact/8KV air protection
- **240W PoE budget for maximum performance**

Introducing the ALLNET ALL-SG8410PM Lite Management PoE Switch – Your Gateway to Efficient Surveillance and SMB Connectivity!

Enhance your network infrastructure with the cutting-edge ALL-SG8410PM, a versatile 8-port PoE switch tailored for smart surveillance and small to medium businesses. Engineered to streamline operations, this switch boasts a comprehensive range of features while eliminating unnecessary complexities.



Featuring 8 high-speed 10/100/1000Mbps RJ45 ports, including 2 ports supporting groundbreaking BT 90W power and 6 ports delivering 30W PoE, the ALL-SG8410PM ensures seamless connectivity for your devices. Whether it's IP cameras, VoIP phones, or other network peripherals, this switch delivers reliable power and data transmission.

But that's not all – the ALL-SG8410PM stands out as one of the pioneering PoE web-managed switches in the market, offering unparalleled flexibility in installation. With the ability to be mounted in both 19" and 10" network cabinets, and the ingenious provision for magnetic attachment via metric threaded screws, this switch opens up a world of possibilities.

Say goodbye to limited mounting options – the ALL-SG8410PM empowers you with four versatile choices: 19" rack mounting, 10" cabinet integration, magnetic attachment, or wall mounting (customer-provided). Whether you're optimizing space in a crowded server room or ensuring seamless deployment in diverse environments, this switch adapts to your needs effortlessly.

Manage your network with ease through the intuitive web-based interface, offering advanced functionalities including flow control, VLAN configuration, and more. With the ALL-SG8410PM, take control of 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 particular focus on the multi-mounting options and the various PoE outputs:

IT resellers:

Take advantage of the ALL-SG8410PM's flexible mounting options to customize 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 outputs provide an impressive 90W of power for demanding devices such as PTZ cameras, while the AT PoE outputs manage with 30W of power for standard devices such as IP phones.

Lighting range:

The magnetic mounting option allows lighting professionals to effortlessly mount the ALL-SG8410PM to metal structures, simplifying the installation of smart lighting systems in various environments.

The powerful PoE BT outputs allow direct power supply to high-end, high-power lighting units, while the AT PoE outputs can be used for standard LED lights.

Telecom range:

Install the ALL-SG8410PM in various environments such as offices, server rooms or telecom facilities with different mounting options to optimize network performance.

The combination of BT and AT PoE outputs provides flexible power supply for telecom devices such as IP phones, wireless access points and more.

Electrician:

Utilize 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 powering sophisticated industrial devices such as pan and tilt surveillance cameras, while the AT outputs can be used for standard devices such as access control systems.



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 features 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 different industries.

Technical Details:

Model	ALL-SG8410PM
Copper Ports	8-10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports
Fiber Ports	2x1G BASE-X SFP interfaces
PoE Ports	1~2 supports IEEE802.3bt PoE Port with max. 90W 3~8 supports IEEE802.3af/at PoE Ports 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,



	<p>LNK/ACT (Green)</p> <p>Fast Blink - port connected with data transmission; Slow blink-port connected without data transmission; Off- No port connection</p> <p>10/100/1000T RJ45 Interfaces (Port 9 to Port 10):</p> <p>Speed (Yellow)</p> <p>Solid on-10/100M; off-1000M LNK/ACT (Green)</p> <p>Fast Blink - port connected with data transmission; Slow blink-port connected without data transmission; Off- No port connection</p>
EMC	<p>Surge Immunity: 4KV Per: IEC61000-4-5</p> <p>ESD Protection:ESD Level 4 Per: IEC61000-4-2</p> <p>EFT Level 4 Per: IEC61000-4-4</p>
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	<p>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</p>

Software functions

System setting	<p>System information</p> <p>DHCP client enable/disable IP setting</p> <p>User account setting</p>
Port configuration	<p>Auto-negotiation Flow Control</p> <p>Port Mirror: TX/RX/BOTH; Many-to-1 monitor Traffic</p>

	<p>statistics</p> <p>Port isolation Loop prevention</p> <p>Storm Control (Broadcast, Multicast, Unknown Unicast)</p> <p>Bandwidth control per port</p>
Link Aggregation	Static link aggregation
MAC Address	<p>March Search</p> <p>Static MAC address</p>
VLAN	<p>4094 Active VLANs 802.1Q Tag VLAN</p> <p>Port VLAN</p> <p>Static VLAN</p>
PoE management	<p>Total PoE power budget control</p> <p>Per port PoE function enable/disable PoE Reboot</p> <p>Extend PoE Mode</p>
Maintenance	<p>Firmware upgrade via web Factory default</p> <p>Reset</p> <p>Save Reboot</p>

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