

## ALLNET Switch smart managed 6 Port Gigabit 95W / 4x PoE / 1x Gigabit / 1x PoE 90W BT In / "ALL-SG8206PDM"

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### EAN CODE



### Highlights:

- IEEE 802.3at standard compliant with IEEE 802.3af electrical receiving (PD) device;
- Single port output power up to 30W, sixth port is PD port, supports 95W PD power supply;
- Automatic detection and identification of standard PoE receiving devices, intelligent power supply, does not destroy non-standard PoE receiving devices.
- Port power priority is supported to ensure continuous power supply to key nodes in the network. Indicators on the control panel monitor working status and assist in fault analysis;
- Supports PD alive function;
- Supports IEEE802.3x full-duplex flow control and backpressure half-duplex flow control;
- Supports 802.1Q VLAN, port VLAN, QoS, bandwidth control and storm suppression;
- Supports port traffic statistics, port monitoring, cable detection and loopback protection;
- Supports remote management via APP and web server;
- Fast PoE and permanent PoE are supported;
- Panel indicators to monitor the working status;
- Intelligent line speed forwarding detection;
- Data exchange is in store-and-forward mode;
- Operating temperature: 0°C ~ 40 °C;
- Main board, power supply, PoE (three in one PCBA)

The ALL-SG8206PDM is a proprietary development based on a switch with 4 PSE, 1x Gigabit LAN and 1 PD ports. It has 6\*10/100/1000Mbps RJ45 ports including 1-4 ports with PoE PSE function supporting 30W output, port 5 is standard Gigabit LAN and port 6 has PD function and supports PoE according to IEEE802.3bt with max 95W power.



The ALL-SG8206PDM has a built-in 60W power supply. It offers high performance, enterprise-grade QoS, advanced security strategies and extensive Layer 2 management features. With all these advanced features, the PoE switch is the ideal choice for small and medium-sized businesses.

## Technical Details:

<b>Model</b>	ALL-SG8206PDM
<b>Standard</b>	IEEE 802.3,IEEE 802.3u,IEEE 802.3ab,IEEE 802.3z,IEEE 802.3x,IEEE 802.1X,IEEE 802.1q,IEEE 802.1p,IEEE 802.1d,IEEE 802.1w,IEEE 802.3ad,IEEE802.3af,IEEE802.3at
<b>Interface</b>	4 PSE port (Port1-4)  1*PD electrical equipment
<b>Indicator</b>	PWR( Orange )?LNK/ACT(Green)?PoE(Orange)
<b>Network Media</b>	10BASE-T: UTP category 3,4,5 cable(=100m) 100BASE-TX: UTP category 5, 5e cable(=100m) 1000BASE-T: UTP category 5e, 5 cable(=100m)
<b>MAC Address Table</b>	8K, Auto-learning, Auto-aging
<b>Jumbo Frame</b>	9216Byte
<b>Packet Buffer</b>	4.1M bit
<b>Transfer Mode</b>	Store-and-forward
<b>Switching Capacity</b>	12Gbps
<b>Packet Forward Speed</b>	8.93Mpps
<b>Dimensions(L*W*H)</b>	168*86*32mm
<b>Fan</b>	Fanless
<b>Power Supply Mode</b>	Built-in power supply and PoE power supply
<b>PSE Port</b>	Port1~4
<b>PSE Power On RJ45</b>	Mode A 1/2(+),3/6(-)
<b>PSE Total Power</b>	60W
<b>PSE Power Output</b>	Voltage: DC 55V    Power:30W(MAX)
<b>PD Port</b>	Port6
<b>PD Input</b>	95W
<b>Operating Temperature</b>	0°C ~ 40 °C
<b>Storage Temperature</b>	-40 °C ~ 70 °C
<b>Operating Humidity</b>	10% ~ 90% non-condensing
<b>Storage Humidity</b>	5% ~ 90% non-condensing



<b>Surge Protection</b>	Common mode $\pm 4\text{KV}$ , differential mode $\pm 2\text{KV}$
<b>MTBF</b>	>50000 hours
<b>Electrostatic Standard</b>	Contact 6KV, air 8KV
<b>Green Energy Saving</b>	Support IEEE 802.3az
Function menu	Functional description
<b>Basic</b>	Login authentication and logout
	Bilingual (Chinese-English switching)
	Port panel (dual color rate differentiator)
	One click Dumb Switch mode
<b>System configuration</b>	Equipment information
	IP Address Setting
	Web configuration



	User management
	The firmware update
	Equipment management
<b>Monitoring management</b>	The system log
	The port statistical
	Cable testing
	Ring network configuration
<b>Switch Configuration</b>	ONVIF Detect
	Port configuration
	Port mirror



	Port isolation
	Port aggregation
	Static MAC
	MAC filtering
	MAC query
	MAC list
	SNMP
	DHCP Snooping
<b>VLAN configuration</b>	Member of the VLAN
	VLAN configuration
<b>QoS configuration</b>	Port speed limit
	The broadcast storm
	QOS Queue Setting
<b>PoE configuration</b>	The basic configuration



Part No.: 212816  
Vendor Part No.: ALL-SG8206PDM

	PD Alive
	MCU Upgrade

## Attributes

Attribute	Value
Anzahl Ports PoE/LAN:	4/2
Belüftung Switch:	Lüfterlos
Einsatzort Switch:	Desktop
Extra Features:	1x PoE In
LAN Geschwindigkeit:	1Gbit/s
Management:	smart managed (WebGui)
PoE Budget:	<100 Watt
Weight:	0.82 Kg
Warranty:	24.00 Months

## Accessories

Part No.	Name
188381	ALLNET PoE Inject PoE Gigabit (15,4W/30W/45/60/75/95W) "ALL0495BT"
219111	ALLNET PoE Injektor Industrial Gigabit / PoE BT (15,4W/30W/90W) / DIN / Metallgehäuse / "ALL-PI2014-I-BT90"

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