

## ALLNET ALL-SG8245PM / managed 5 Port Gigabit Switch, 4x PoE

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### EAN CODE



### 5-port 10/100/1000Mbit/s Easy webmanaged Gigabit Ethernet Switch with 4x PoE Outputs (802.3af/at)

#### Highlights:

- 5-port 10/100/1000Mbit/s Gigabit Ethernet Switch support 4x PoE IEEE802.3af/at)
- (PoE Budget ca. 60W for max. 4 Devices, support max. 30 per Port IEEE802.3af)
- Easy Smart-Managed
- Fanless-Design

The new ALLNET ALL-SG8245PM switch is a solid foundation for a networked workplace. With a total of 5 backwards-compatible gigabit ports, computers, printers, access points, etc. Can be integrated in your network reliably. The ALL-SG8245PM can also supply power to PoE-enabled devices via its 4 PoE ports (IEEE802.3af), so they do not need an additional power cable. To ensure the for a workplace very important silent operation, the ALL-SG8245PM is equipped with a fanless design. For optimal usage comfort it is "smart managed". That means it is among other things configurable for VLAN and QoS.

#### Technical Details:

Switch working:	Layer 2-Switch, Web easy smart managed
Switch-Typ:	standalone
Standards:	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3ab 1000BASE-T



	IEEE802.3az EEE IEEE802.3ad Link Aggregation IEEE802.1q VLAN IEEE802.1p-based QoS
Switching-Ports:	5x RJ45 10/100/1000BaseT(X) 4x PoE IEEE802.3at max. 30W per Port
Special:	4x PSE Port for PoE Devices
Uplink:	yes
Full Duplex Mode:	yes
Buffer Memory:	1Mbits
Jumbo Frames:	9216byte
MAC adress table:	2K
Filtering/Forwarding:	Store-and-Forward
LED Define:	<p>Power/System: Green LED</p> <ul style="list-style-type: none"> <li>• Off: power off or fail</li> <li>• On: power on</li> <li>• Blinking: system booting up</li> </ul> <p>PoE Alert: Green LED</p> <ul style="list-style-type: none"> <li>• Off: No over PoE max power budget (50W)</li> <li>• On: Over PoE max power budget (50W)</li> </ul> <p>RJ 45 Port: LINK/ACT: bio-color LED</p> <ul style="list-style-type: none"> <li>• Off: port disconnected or link fail</li> <li>• Green on: 1000Mbps connected</li> <li>• Amber on: 10/100Mbps connected</li> <li>• Blinking: sending or receiving data</li> </ul> <p>PoE:</p> <ul style="list-style-type: none"> <li>• Off: PoE power output off</li> <li>• Green on: PoE power output on</li> </ul>
<b>Layer2 Basic:</b>	
Port:	Auto Negotiation of speed and duplex modes Jumbo frame support
Mirror:	Port mirroring both on ingress and egress traffic
VLAN:	802.1Q VLAN Port-based VLAN
LACP:	Link Aggregation = IEEE802.3ad



Multicast:	Blocking of unknown multicast traffic
Qos:	IEEE802.1p-based QoS Port-based QoS Scheduling Method = WFQ or SP
IGMP Snooping:	Support IGMPv1 Snooping RFC 1122, RFC4541 Support IGMPv2 Snooping RFC 2236, RFC4541 Support IGMPv3 Snooping(Partial) RFC 3376
Security:	STP / Self Loop Support Broadcast Storm Control Support
Management:	User Interface Web-based Management User Account System password protection
PoE:	PoE power output On/Off management
Power Input:	
Power-Input:	AC to DC external power adapter Input: 100~240V AC Output: 55VDC / 1,3A
Housing:	Metall/ Desktop
PoE Output power capacity:	Maximum output :30W per each port 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 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. 6. 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
Dimension:	193 x 84 x 26mm
Environment:	Operating Temperature: 0 ~ 50 °C Operating Humidity: 10% ~ 90% (non condensing) Storage Temperature: -40 ~ 70 °C Operating Humidity: 5% ~ 90% (con condensing)
Marks:	CE FCC EMI class B, ROHS

## Attributes

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

## Accessories

Part No.	Name
175246	ALLNET PoE Injector Gigabit ALL0489V4 2,5Gbit - 802.3af/at H
99315	ALLNET ALL8804PoE+ / Unmanaged 8 Port Giga.HPoE Switch, 2x P
90956	ALLNET ALL8894WMP / Smart managed 8 Port Giga.HPoE Switch, 2
93392	ALLNET Switch unmanaged 8 port Gigabit 150W / 8x PoE+ / Fanless / 19" / "ALL8808POE"
193997	ALLNET Switch full managed Layer2+ 10 Port • 8x GbE • PoE Budget 130W • 8x PoE at • 2x SFP • 19" • Fanless • ALL-SG8610PM
75932	Patchkabel RJ45 FTP(F/UTP) 0,25m grau, CAT5e, Synergy 21,
194025	ALLNET Switch full managed 24 Port Gigabit 390W / 24x PoE+ / 4x SFP / FANLESS / 19" / "ALL-SG8626PM"
75939	Patchkabel RJ45 FTP(F/UTP) 0,5m grau, CAT5e, Synergy 21,
75946	Patchkabel RJ45 FTP(F/UTP) 1,0m grau, CAT5e, Synergy 21,
75959	Patchkabel RJ45 FTP(F/UTP) 2m grau, CAT5e, Synergy 21,
75966	Patchkabel RJ45 FTP(F/UTP) 3m grau, CAT5e, Synergy 21,
75973	Patchkabel RJ45 FTP(F/UTP) 5m grau, CAT5e, Synergy 21,
75979	Patchkabel RJ45 FTP(F/UTP) 7,5m grau, CAT5e, Synergy 21,
75986	Patchkabel RJ45 FTP(F/UTP) 10m grau, CAT5e, Synergy 21,
76091	Patchkabel RJ45, 15m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76029	Patchkabel RJ45, 0,25m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,

Part No.	Name
76036	Patchkabel RJ45, 0,5m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76043	Patchkabel RJ45, 1,0m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76056	Patchkabel RJ45, 2m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76063	Patchkabel RJ45, 3m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76070	Patchkabel RJ45, 5m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76077	Patchkabel RJ45, 7,5m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76084	Patchkabel RJ45, 10m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76091	Patchkabel RJ45, 15m grau, CAT5e, S-FTP(SF/UTP), Synergy 21,
76117	Patchkabel RJ45, CAT6 250Mhz, 0,25m grau, S-STP(S/FTP), LSZH, Synergy 21,
76124	Patchkabel RJ45, CAT6 250Mhz, 0,5m grau, S-STP(S/FTP), LSZH, Synergy 21,
76133	Patchkabel RJ45, CAT6 250Mhz, 1,0m grau, S-STP(S/FTP), LSZH, Synergy 21,
76151	Patchkabel RJ45, CAT6 250Mhz, 2m grau, S-STP(S/FTP), LSZH, Synergy 21,
76160	Patchkabel RJ45, CAT6 250Mhz, 3m grau, S-STP(S/FTP), LSZH, Synergy 21,
76169	Patchkabel RJ45, CAT6 250Mhz, 5m grau, S-STP(S/FTP), LSZH, Synergy 21,
76178	Patchkabel RJ45, CAT6 250Mhz, 7,5m grau, S-STP(S/FTP), LSZH, Synergy 21,
76187	Patchkabel RJ45, CAT6 250Mhz, 10m grau, S-STP(S/FTP), LSZH, Synergy 21,
76196	Patchkabel RJ45, CAT6 250Mhz, 15m grau, S-STP(S/FTP), LSZH, Synergy 21,
140955	TP(RJ45) POE-Tester, at/af, Endspan/Midspan, standard, Synergy 21,
188424	CyberPower USV, OR-Serie, 600VA/360W, Line-Interactive, LCD, 19"/1HE, USB/RS232, IEC C13 Kaltgeräte,
188433	CyberPower USV, OR-Serie, 650VA/360W, Line-Interactive, LCD, 19"/1HE, USB/RS232, CEE7-Schutzkontakt,
188435	CyberPower USV, OR-Serie, 1000VA/600W, Line-Interactive, LCD, 19"/1HE, USB/RS232, IEC C13 Kaltgeräte
188439	CyberPower USV, OR-Serie, 1500VA/900W, Line-Interactive, LCD, 19"/1HE, USB/RS232, IEC C13 Kaltgeräte

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