Milesight

Milesight 8-Port PoE Switch



Extend Mode | Surge Protection | IEEE 802.3 af at

DATASHEET

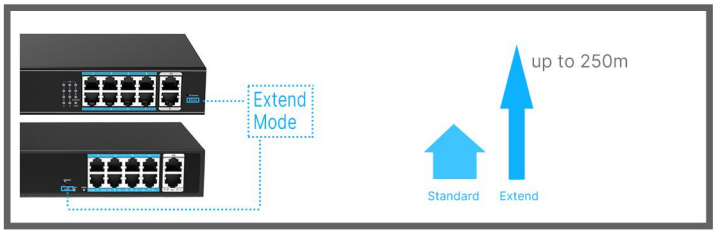
KEY FEATURES

- Ports (Provide 8*10/100Mbps PoE ports and 2*100Mbps/2*1000Mbps uplink ports.)
- PoE Protocol (IEEE 802.3af and IEEE 802.3at Power over Ethernet (PoE) compliant.)
- Total PoE Power (Power budget of 120W and 30W for all PoE ports and single port respectively.)
- Self-adaption Port (RJ45 port supports 10/100Mbps Auto MDI/MDIX.)
- Extend Mode (Extend PoE up to 250m on one single cable.)
- Wide Application (Available for wireless AP and network cameras through CAT 5 cable.)
- Surge Protection (Protect the device from lightning surges and other electrical hazards.)
- Considerate Design (Exquisite structure with fanless design.)
- Easy to Use (Easily understandable working status, simple and convenient functions with no configuration.)

Versatile Ports

Featuring 8*10/100Mbps PoE ports which support IEEE 802.3af/at protocol and 2*100Mbps/2*1000Mbps uplink ports, the Milesight PoE Switch provides maximum power budget of 120W and 30W for all PoE ports and every single PoE port respectively, allowing users to have several different camera variations configured.





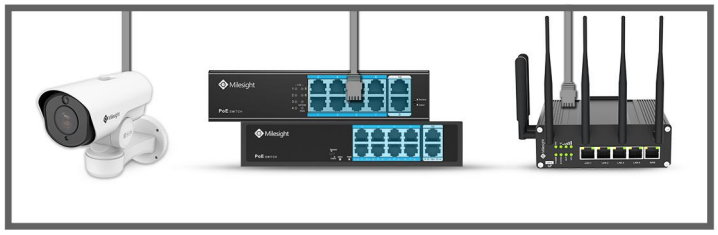
Flexible Extend Mode

With the mode, the PoE Switch is able to offer more flexible choices for long range transmission, extending the distance up to 250m (PoE ports of 1-8 supported). The cost-saved functions is greatly helpful to bring better user experience.

Surge Protection

4KV surge protection keeps PoE Switches from lightning strikes and other electrical surges, offering reliable performance even in some harsh environments.





Easy to Use

With exquisite structure, the PoE Switch is a truly user-friendly device owns strong functionality. The plug and play with no configuration and the indicator lights will have no doubt to bring great ease of use.

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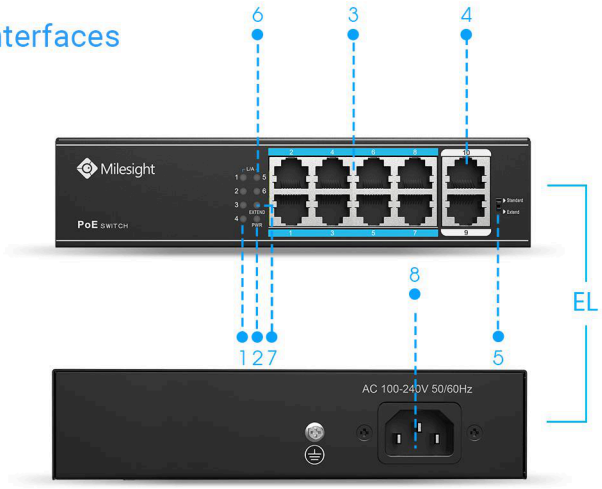
Model	MS-S0208-EL	MS-S0208-GL
Ports	8X10/100Mbps PoE ports (RJ45) + 2X100Mbps uplink ports	8X10/100Mbps PoE ports (RJ45) + 2X1000Mbps uplink ports
Standard	IEEE802.3 10Base-T IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3x	IEEE802.3 10Base-T IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3x
Switching Capacity	2Gbps (non-blocking)	11.8Gbps (non-blocking)
Packet Forwarding Rate @64byte	1.488Mpps	4.17Mpps
Packet Forwarding Cache	1.25M	2M
MAC	2K	
Power Supply	Built-in switching power supply AC 100~240V, 50-60Hz, 2.2A	
PoE Standard	IEEE802.3af/at	
Max. PoE Power	Max. capacity: 120W Max. capacity for single port: 30W	
Functional Switch	**Standard Mode:** Port 1~10: 10/100Mbps auto-sensing @100 meters **Extend Mode:** Port 1~8: 10Mbps @250 meters & Port 9~10: 100Mbps @100 meters **Note:** When the switch status changes, PoE switch must be restarted for the switch function to take effect.	**Standard Mode:** Port 1~10: 10/100Mbps auto-sensing @100 meters **Extend Mode:** Port 1~8: 10Mbps @250 meters & Port 9~10: 1000Mbps @100 meters **Note:** When the switch status changes, PoE switch must be restarted for the switch function to take effect.
Indicator	Power Indicator: PWR (green) Network Indicator: Link (yellow) PoE Working Indicator: PoE (green) Functional Switch Indicator: EXTEND(green)	
Operating Temperature	-20℃~55℃	
Storage Temperature	-40℃~75℃	
Operating/Storage Humidity	10%~ 90%RH (non-condensing)	
Lightning Protection/Protection Level	Port lightning protection: 4KV 8/20us Protection level: IP30	
Dimensions	195mm(W)X130mm(D)X40mm(H)	
Weight	0.7kg	
Installation Method	Desktop Mounted Type/Wall Mounted Type	
Warranty	2 Years	

V1.2

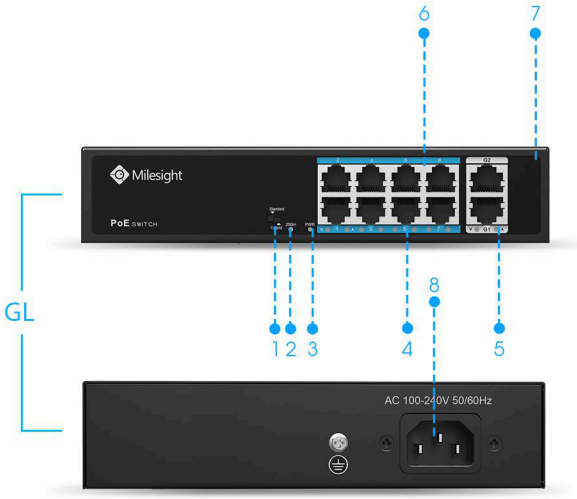
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Interfaces

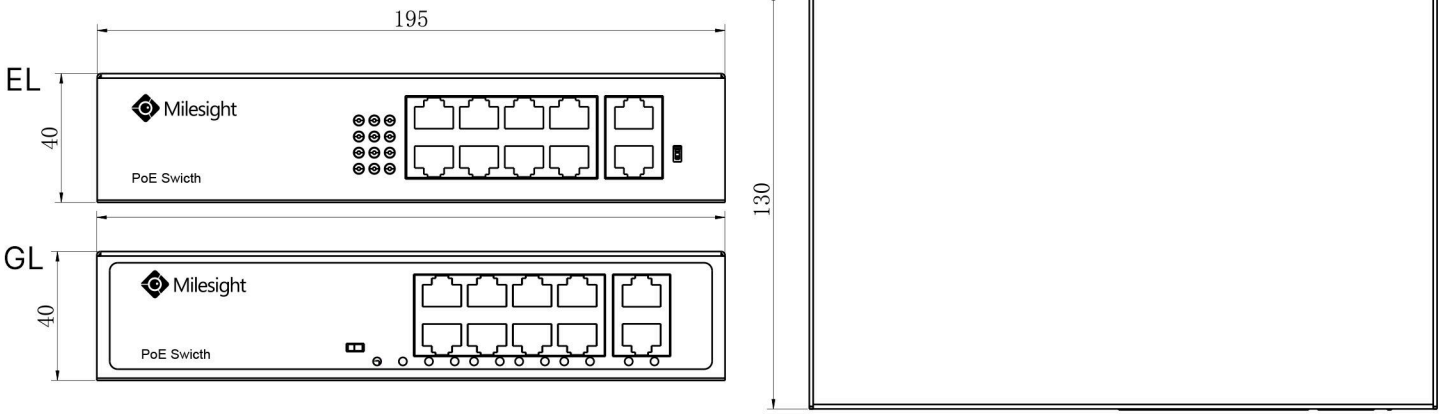


1. PoE Working Indicator
2. Power Indicator
3. PoE Ports
4. Uplink Ports
5. Standard Mode/Extend Mode
6. Network Indicator
7. Extend Mode Indicator
8. Power Port



1. Standard Mode/Extend Mode
2. Extend Mode Indicator
3. Power Indicator
4. PoE Working Indicator
5. Network Indicator
6. PoE Ports
7. Gigabit Uplink Ports
8. Power Port

Structure Diagrams



Units: mm

Naming Convention

MS-S	02	08-	E/G	L
	02 - 2*Uplink Ports	08 - 8*PoE Ports	E - 10/100Mbps Uplink Port G - Gigabit Uplink Port	L - Extend Mode