

Series 4 Commercial 2.5G Network Switch

SIL 45104P-10G
SIL 45108P-10G



Commercial 2.5G PoE+ Un-Managed Switches

OVERVIEW

The Silvernet commercial switches offer a simple and cost-effective way to expand small business networks with Power over Ethernet (PoE) support. These plug-and-play switches include a built-in power supply, making installation straightforward while maintaining reliable performance.

The range provides flexible connectivity options, supporting 10/100M, 10/100/1000M, and 2.5G speeds with full PoE and PoE+ functionality. Powered by SilverNet's advanced PoE technology, the switches automatically detect the power class of each connected device—such as IP cameras, VoIP phones, and wireless access points—and intelligently distribute the exact amount of power required. This allows both data and power to be delivered through a single CAT-5e Ethernet cable.

The switches provide flexible network options, supporting 10/100M, 10/100/1000M, and 2.5G speeds, along with full 802.3af and 802.3at PoE/PoE+ compatibility.

Each unit is built with a rugged metal enclosure and features a fanless design for silent, reliable operation.

Our switches support desktop, wall-mount, or rack-mount installation options and include clear LED indicators for quick status checks and easy operation.

Energy-efficient features help reduce power consumption while maintaining full compatibility with any standards-based devices already in your network.

Features

- 4 or 8 x 10/100/1000/2500Base-T
- 1 x 1G/10G SFP/SFP+ slot
- 60Gbps Backplane Bandwidth
- IEEE803.af/at compliant
- RJ45 supports auto MDI/MDI-X function
- Auto negotiation speed, half/full duplex
- Store and forward
- Max packet size: 12K bytes
- MAC address size: 2K or 4K
- Input Voltage:AC110-240V 50/60Hz
- Operating temperature (0°C ~+40°C)
- Desktop or wall mountable
- Fanless
- Lightweight

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Distributed By:

Technical Specifications

Part No.	SIL 55104P-10G	SIL 55108P-10G
Ports		
Total number of ports	6	9
2.5G Ethernet	4	8
2.5G Uplink	1	N/A
10G Fibre	1 x 10Gbps	
Number of PoE ports	4	8
Max output per port	30W	
Performance		
Switch Bandwidth	60Gbps	
MAC address Table	2K	4K
Processing type	Store and Forward	
Forwarding rate	33.48Mbps	44.64Mbps
Max. Packet Length	12K	
MTBF@25°C	1,033,343 hours	
Power		
Power input	AC110-240V 50/60Hz	
Power consumption	70W Max	140W Max
Standards		
Standards	IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.3ab (Gigabit Ethernet) IEEE 802.3bz (2.5Gigabit Ethernet) IEEE 802.3ae 10Gbps Ethernet	
Physical		
Dimensions and weight	200mm x 118mm x 44mm (L x W x H) ; 600g	270mm x 185mm x 45mm (L x W x H) ; 1.1kg
Enclosure	Fanless, Aluminium Alloy	
Mounting	DIN Rail, Wall mountable	
Environment		
Operating Temperature	0~+40°C (Storage -20~+70°C)	
Humidity	5-90% (non-condensing)	

Part Numbers & Accessories

Series 5 Commercial 1G/10G Switches

Part Code	Description
SIL 534C16MP	16GE + 4 Combo (TP + SFP) POE+, Excluding Power Supply
SIL 534C24MP	24GE + 4 Combo (TP + SFP) POE+, Excluding Power Supply
SIL 532400MP	24GE POE+, Excluding Power Supply
Commercial 10G	
SIL 544O24M	24 x 10/100/1000M RJ45 ports + 4 x 10G SFP+ ports
SIL 544C24FM	24 Gigabit SFP optical ports + 4 x Gigabit RJ45 + 4 x 10G optical ports

1G/10G Fibre Transmission

Part Code	Description
SIL-SFP0-01-25-X850-0-5D	1G Multimode 850nm SFP, 550m
SIL-SFP0-01-25-X131-10XD	1G Singlemode 1310nm SFP, 10km
SIL-SFP0-01-25-X131-40XD	1G Singlemode 1310nm SFP, 40km
SIL-SFP0-01-25-X155-80XD	1G Singlemode 1550nm SFP, 80km
SIL-SFPX-08-10-X850-0-3D	10G Multimode 850nm SFP+, 300m
SIL-SFPX-08-10-X131-02XD	10G Multimode 1310nm SFP+, 2km
SIL-SFPX-08-10-X131-10XD	10G Singlemode 1310nm SFP+, 10km
1Gbps BiDi	
SIL-SFP0-01-25-B131-10XD	1G SM 1310nm TX FP 10km with DDM, 1550nm RX
SIL-SFP0-01-25-B155-10XD	1G SM 1550nm TX FP 10km with DDM, 1310nm RX
SIL-SFP0-01-25-B139-10XD	1G SM 1310nm TX FP 10km with DDM, 1490nm RX
SIL-SFP0-01-25-B149-10XD	1G SM 1490nm TX FP 10km with DDM, 1310nm RX
SIL-SFP0-01-25-B131-40XD	1G SM 1310nm TX DFB 40km with DDM, 1550nm RX
SIL-SFP0-01-25-B155-40XD	1G SM 1550nm TX DFB 40km with DDM, 1310nm RX
10Gbps BiDi	
SIL-SFPX-08-10-B127-40XD	10G SM 1270nm TX FP 10km with DDM, 1330nm RX
SIL-SFPX-08-10-B133-40XD	10G SM 1330nm TX FP 10km with DDM, 1270nm RX
SFP to Ethernet	
SIL-SFP0-01-25-XXXT-0-1	1G RJ45 Copper SFP, 100m
SIL-SFPX-08-10-XXXT-0-03	10G RJ45 Copper SFP, 30m

* Series 5 Commercial Switches are mains powered by IEC connector