

Series 5 Commercial Unmanaged Gigabit PoE+ Switch

SIL 53005P



Commercial Gigabit PoE+ Unmanaged Switch

OVERVIEW

The SilverNet SIL 53005P is an Unmanaged PoE Switch designed for high-density, business-critical environments. It provides robust, reliable Power over Ethernet to a wide range of devices including security camera systems ceiling-mounted access points IP intercoms and digital signage.

Its industrial-strength metal casing ensures superior heat dissipation and durability for 24/7 operation in demanding wiring closets and edge installations.

Advanced features such as high PoE budget allocation and protection against short-circuit and overload guarantee maximum uptime and safety for your connected infrastructure. Deploy a scalable, cost-effective and powerfully simple network backbone that enables you to focus on your business.

Features

- 5 × 10/100/1000Base-T PoE+ ports
- Port 1 to 4 support IEEE 802.3 af/at Power Over Ethernet
- IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode
- IEEE802.3af/at PoE compliant
- Auto negotiation speed, half/full duplex
- Store and forward
- Max packet size: 10K bytes
- MAC address size: 8K
- Supports MAC address auto-learning and auto-aging
- Auto-negotiation ports provide smart integration between 10, 100, 1000Mbps hardware.
- IEEE 802.1Q VLAN Transparency
- Plug and Play design simplifies installation.
- Fanless Design
- Supports desktop and wall mountable installation methods

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Technical Specifications

Part No.	SIL 53005P
Ethernet Interface	
Ports	5x10/100/1000BASE-T RJ45(Port 1-5), Auto-MDI/MDI-X, Auto-Negotiation
Port Mode (Tx)	Auto Negotiation Full/Half Duplex Mode Auto MDI/MDI-X Connection
RJ45 Port Transmission	Up to 100 m (CAT5/CAT5e)
Standards	IEEE 802.3 10Base-T, 802.3u 100Base-TX, 802.3ab 1000Base-T, 802.3z 1000Base-X, 802.3x flow control, 802.1p CoS, 802.3az EEE
Packet Buffer Size	0.5Mbits
Maximum Packet Length	Up to 9K
MAC Address Table	2K
Transmission Mode	Store and Forward (full/half duplex mode)
Physical Characteristics	
Housing	Metal
IP Rating	IP30
Dimensions	125mmx115mmx33mm
Installation	Desktop/Wall Mount
Weight	400g
Environmental	
Operating Temperature	0°C ~ 50°C
Operating Humidity	5%~90% (non-condensing)
Storage Temperature	-20°C ~ 70°C
MTBF	100,819@Telcordia SR-332 GB 25°C
Cooling	Passive Cooling, Fanless Design
Noise Level	0 dBA
Power Characteristics	
PoE Ports	Port 1-4
Power Supply Pin	Default: 1/2(+), 3/6(-)
Max Power Per Port	IEEE802.3 af/at 30W
Total PWR	120W
Power Consumption	< 18 W (no PoE load)
Power Inputs	1
Input Voltage	Internal power adapter with AC100 – 240V 50-60Hz input
Connector	3 Pin AC IEC Socket
Protection	Overload Current Protection, Reverse Polarity Protection
Standards	
Lightning Protection	Lightning protection: 4kV 8/20us
Certification	CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class , RoHS
Warranty	1 years, lifetime technical support
Package Contents	
Device	1x Ethernet Switch
Cable	1x AC Power Cable
Documentation	1 x Quick Start guide

Dimensions

Dimensions

Unit: mm

