

# S1500-P Series

## Overview

Vivio S1500-P Series is a multi-functional unmanaged full-gigabit PoE switch with large buffer capacity. The product is primarily applied in access layer of CCTV and WLAN. Vivio S1500-P Series PoE switches include twelve models: S1500-4P2S, S1500-4P2G, S1500-4P1G1S, S1500-8P2S, S1500-8P2G, S1500-8P2G2S, S1500-16P2S, S1500-16P2G2S, S1500-24P2S, S1500-24P2S-370, S1500-16P2ES-H, S1500-24P2ES-H, catering to the needs of different-scale deployments in multiple industries such as finance, education, hospitality, healthcare, transportation, energy and manufacturing, empowering the establishment of simplified and secured network.



## Highlights

### Switching Features

- Non-blocking switching architecture, and line-speed forwarding of all ports
- Large buffer design, ensures smooth playback of high-definition videos
- Supports IEEE802.3x full-duplex flow control and Backpressure half-duplex flow control
- Multi-functional DIP modes to meet various networking requirements

### Practicability

- Plug and play
- LED indicators to show working status

## CCTV-Mate

### PoE Features

- Compliant with IEEE802.3af/at/bt standards, with a maximum PoE power of 60W output
- High-power PoE power supply, supporting full load 802.3af on all ports
- Intelligent standard 48V PoE, negotiating power supply based on terminal type
- Supports short-circuit protection and overcurrent protection

### Reliability

- Integrated professional lightning protection circuit, with high-level lightning protection
- Built-in high-quality PoE power supply, ensuring safe and stable PoE output
- Compliant with CE and FCC safety standards

## Model

### S1500-4P2S



- 4-Port Gigabit PoE+ 2-Port Gigabit SFP
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 3 to 4 port extension
  - VLAN – 1 to 4 port isolation
- Dimensions (WxDxH): 200x118x44mm

### S1500-4P2G



- 4-Port Gigabit PoE+ 2-Port Gigabit RJ45
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 3 to 4 port extension
  - VLAN – 1 to 4 port isolation
- Dimensions (WxDxH): 200x118x44mm

### S1500-4P1G1S



- 4-Port Gigabit PoE+ 1-Port Gigabit RJ45 + 1-Port Gigabit SFP
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 3 to 4 port extension
  - VLAN – 1 to 4 port isolation
- Dimensions (WxDxH): 200x118x44mm

### S1500-8P2S



- 8-Port Gigabit PoE+ 2-Port Gigabit SFP
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 7 to 8 port extension
- Dimensions (WxDxH): 200x161x44mm

### S1500-8P2G



- 8-Port Gigabit PoE+ 2-Port Gigabit RJ45
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 7 to 8 port extension
  - VLAN – 1 to 8 port isolation
- Dimensions (WxDxH): 200x118x44mm

### S1500-8P2G2S



- 8-Port Gigabit PoE+ 2-Port Gigabit RJ45 + 2-Port Gigabit SFP
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 7 to 8 port extension
- Dimensions (WxDxH): 200x161x44mm

## Model

### S1500-16P2S



- 16-Port Gigabit PoE+ 2-Port Gigabit SFP
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 9 to 16 port extension
  - VLAN – 1 to 16 port isolation
- Dimensions (WxDxH): 440x204x44mm

### S1500-16P2G2S



- 16-Port Gigabit PoE+ 2-Port Gigabit RJ45 + 2-Port Gigabit SFP
- Built-in AC power supply
- DIP mode: Default - Standard operating mode
- CCTV – 9 to 16 port extension
- VLAN – 1 to 16 port isolation
- Dimensions (WxDxH): 440x204x44mm

### S1500-24P2S



- 24-Port Gigabit PoE+ 2-Port Gigabit SFP
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 17 to 24 port extension
  - VLAN – 1 to 24 port isolation
- Dimensions (WxDxH): 440x204x44mm

### S1500-24P2S-370



- 24-Port Gigabit PoE+ 2-Port Gigabit SFP
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 17 to 24 port extension
  - VLAN – 1 to 24 port isolation
- Dimensions (WxDxH): 440x280x44mm

### S1500-16P2ES-H



- 2-Port Gigabit PoE++ 14-Port Gigabit PoE+ 2-Port 2.5G SFP
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 9 to 16 port extension
  - VLAN – 1 to 14 port isolation
- Dimensions (WxDxH): 440x204x44mm

### S1500-24P2ES-H



- 2-Port Gigabit PoE++ 22-Port Gigabit PoE+ 2-Port 2.5G SFP
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 17 to 24 port extension
  - VLAN – 1 to 22 port isolation
- Dimensions (WxDxH): 440x204x44mm

## Specifications

Item	S1500-4P2S	S1500-4P2G	S1500-4P1G1S	
Switching capacity	12Gbps	12Gbps	12Gbps	
MAC	2K	2K	2K	
Buffer size	448Kb	448Kb	448Kb	
PoE Port	4 Gigabit	4 Gigabit	4 Gigabit	
Uplink RJ45	/	2 Gigabit	1 Gigabit	
Uplink SFP	2 Gigabit	/	1 Gigabit	
Dimensions (mm)	200x118x44	200x118x44	200x118x44	
PoE budget	≤60W	≤60W	≤60W	
Item	S1500- 8P2S	S1500-8P2G	S1500-8P2G2S	
Switching capacity	20Gbps	20Gbps	24Gbps	
MAC	2K	2K	2K	
Buffer size	448Kb	448Kb	448kb	
PoE Port	8 Gigabit	8 Gigabit	8 Gigabit	
Uplink RJ45	/	2 Gigabit	2 Gigabit	
Uplink SFP	2 Gigabit	/	2 Gigabit	
Dimensions (mm)	220x161x44	220x161x44	220x161x44	
PoE budget	≤90W	≤90W	≤90W	
Item	S1500-16P2S	S1500-16P2G2S	S1500-24P2S	S1500-24P2S-370
Switching capacity	36Gbps	40Gbps	52Gbps	52Gbps
MAC	8K	8K	8K	8K
Buffer size	4Mb	4Mb	4Mb	4Mb
PoE Port	16 Gigabit	16 Gigabit	24 Gigabit	24 Gigabit
Uplink RJ45	/	2 Gigabit	/	/
Uplink SFP	2 Gigabit	2 Gigabit	2 Gigabit	2 Gigabit
Dimensions (mm)	440x204x44	440x204x44	440x204x44	440x280x44
PoE budget	≤180W	≤185W	≤280W	≤370W
PoE standard	802.3af/at, maximum output of 30W per port			
Power supply	Built-in AC: 100~240V, 50/60Hz			
Working mode	VLAN mode, Default mode, CCTV mode			
Environment requirements	Operating temperature/humidity:0°C-50°C, 10%-90% non-condensing Storage temperature/humidity: -40°C-70°C, 5%-95% non-condensing			
Fan	Fanless			
Lightning protection	4KV			

## Specifications

Item	S1500-16P2ES-H	S1500-24P2ES-H
Switching capacity	42Gbps	58Gbps
MAC	16K	16K
Buffer size	8.4Mbit	8.4Mbit
Gigabit PoE port	PoE++ 2(60W)	2(60W)
	PoE+ 14(30W)	22(30W)
Uplink SFP	2-Port 2.5G	2-Port 2.5G
Dimensions (mm)	440x204x44	440x204x44
PoE budget	≤180W	≤260W
Power supply	Built-in AC: 100~240V, 50/60Hz	
Working mode	VLAN mode, Default mode, CCTV mode	
Environment requirements	Operating temperature/humidity: 0°C-50°C, 10%-90% non-condensing Storage temperature/humidity: -40°C-70°C, 5%-95% non-condensing	
Fan		Fanless
Lightning protection		4KV

## Ordering Information

S1500-4P2S	4-Port Gigabit PoE+ 2-Port Gigabit uplink SFP Unmanaged PoE Switch, DIP function, built-in AC220V power supply; PoE budget 60W, desktop/rack-mounted installation
S1500-4P2G	4-Port Gigabit PoE+ 2-Port Gigabit uplink RJ45 Unmanaged PoE Switch, DIP function, built-in AC220V power supply; PoE budget 60W, desktop/rack-mounted installation
S1500-4P1G1S	4-Port Gigabit PoE+ 1-Port Gigabit uplink RJ45 + 1-Port Gigabit uplink SFP Unmanaged PoE Switch,DIP function, built-in AC220V power supply; PoE budget 60W, desktop/rack-mounted installation
S1500-8P2S	8-Port Gigabit PoE+ 2-Port Gigabit uplink SFP Unmanaged PoE Switch, DIP function, built-in AC220V power supply; PoE budget 90W, desktop/rack-mounted installation
S1500-8P2G	8-Port Gigabit PoE+ 2-Port Gigabit uplink RJ45 Unmanaged PoE Switch, DIP function, built-in AC220V power supply; PoE budget 90W, desktop/rack-mounted installation
S1500-8P2G2S	8-Port Gigabit PoE+ 2-Port Gigabit uplink RJ45 + 2-Port Gigabit uplink SFP Unmanaged PoE Switch,DIP function, built-in AC220V power supply; PoE budget 90W, desktop/rack-mounted installation
S1500-16P2S	16-Port Gigabit PoE+ 2-Port Gigabit uplink SFP Unmanaged PoE Switch, DIP function, built-in AC220V power supply; PoE budget 180W, desktop/rack-mounted installation
S1500-16P2G2S	16-port GE PoE+ 2-port GE RJ45 + 2-port GE SFP Unmanaged PoE Switch, DIP function, built-in AC220V power supply; 185W PoE budget, desktop/rack-mounted installation
S1500-24P2S	24-Port Gigabit PoE+ 2-Port Gigabit uplink SFP Unmanaged PoE Switch, DIP function, built-in AC220V power supply; PoE budget 280W, rack-mounted installation
S1500-24P2S-370	24-Port Gigabit PoE+ 2-Port Gigabit uplink SFP Unmanaged PoE Switch, DIP function, built-in AC220V power supply; PoE budget 370W, rack-mounted installation
S1500-16P2ES-H	2-Port Gigabit PoE++ 14-Port Gigabit PoE+ 2-Port 2.5G SFP Unmanaged PoE Switch, built-in AC-220V power supply; 180W PoE budget, desktop/rack-mounted installation
S1500-24P2ES-H	2-Port Gigabit PoE++ 22-port Gigabit PoE+ 2-port 2.5G SFP Unmanaged PoE Switch, built-in AC-220V power supply; 260W PoE budget, desktop/rack-mounted installation