

## 100/1000M Unmanaged PoE Switch

# S1200-P Series

### Overview

BDCOM S1200-P Series is a multi-functional unmanaged PoE switch with 1000M uplink ports and large buffer capacity. The product is primarily applied in access layer of CCTV and WLAN. BDCOM S1200-P Series includes four models: S1200-8P2G, S1200-16P2G1S, S1200-24P2G1S, and S1200-24P2G1S-370, 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.



## CCTV-Mate

### 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

#### PoE Features

- Compliant with IEEE802.3af/at standards, with a maximum PoE power of 30W per port
- 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

## S1200-8P2G



- 8-Port 100M PoE+ 2-Port Gigabit RJ45
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 1 to 8 port extension
  - VLAN – 1 to 8 port isolation
- Dimensions (WxDxH): 200x118x44mm

## S1200-16P2G1S



- 16-Port 100M PoE+ 2-Port Gigabit RJ45 + 1-Port Gigabit SFP
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 1 to 16 port extension
  - VLAN – 1 to 16 port isolation
- Dimensions (WxDxH): 320x207x44mm

## S1200-24P2G1S



- 24-Port 100M PoE+ 2-Port Gigabit RJ45 + 1-Port Gigabit SFP
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 9 to 24 port extension
  - VLAN – 1 to 24 port isolation
- Dimensions (WxDxH): 320x207x44mm

## S1200-24P2G1S-370



- 24-Port 100M PoE+ 2-Port Gigabit RJ45 + 1-Port Gigabit SFP
- Built-in AC power supply
- DIP mode:
  - Default - Standard operating mode
  - CCTV – 9 to 24 port extension
  - VLAN – 1 to 24 port isolation
- Dimensions (WxDxH): 440x205x44mm

# Specifications

Item	S1200-8P2G	S1200-16P2G1S	S1200-24P2G1S	S1200-24P2G1S-370
<b>Switching capacity</b>	5.6Gbps	9.2Gbps	10.8Gbps	10.8Gbps
<b>MAC</b>	2K	2K	2K	2K
<b>Buffer size</b>	448Kb	1.5Mb	1.5Mb	1.5Mb
<b>PoE Port</b>	8 100M	16 100M	24 100M	24 100M
<b>Uplink RJ45</b>	2 Gigabit	2 Gigabit	2 Gigabit	2 Gigabit
<b>Uplink SFP</b>	/	1 Gigabit	1 Gigabit	1 Gigabit
<b>Dimensions (mm)</b>	200x118x44	320x207x44	320x207x44	440x205x44
<b>PoE budget</b>	≤90W	≤180W	≤280W	≤370W
<b>PoE standard</b>	802.3af/at, maximum output of 30W per port			
<b>Power supply</b>	Built-in AC: 100~240V, 50/60Hz			
<b>Working mode</b>	VLAN mode, Default mode, CCTV mode.			
<b>Environment requirements</b>	operating temperature/humidity:0°C-50°C, 10%-90% non-condensing Storage temperature/humidity: -40°C-70°C, 5%-95% non-condensing			
<b>Fan</b>	Fanless			
<b>Lightning protection</b>	6KV			

## Ordering Information

S1200-8P2G	8-Port 100M PoE+ 2-Port Gigabit RJ45 Unmanaged PoE Switch, DIP function, built-in AC 220V power supply; PoE budget 90W, desktop/rack-mounted installation.
S1200-16P2G1S	16-Port 100M PoE+ 2-Port Gigabit RJ45 + 1-Port Gigabit SFP Unmanaged PoE Switch, DIP function, built-in AC 220V power supply; PoE budget 180W, rack-mounted installation.
S1200-24P2G1S	24-Port 100M PoE+ 2-Port Gigabit RJ45 + 1-Port Gigabit SFP Unmanaged PoE Switch, DIP function, built-in AC 220V power supply; PoE budget 280W, rack-mounted installation.
S1200-24P2G1S-370	24-Port 100M PoE+ 2-Port Gigabit RJ45 + 1-Port Gigabit SFP Unmanaged PoE Switch, DIP function, built-in AC 220V power supply; PoE budget 370W, rack-mounted installation.

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