

## 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> | perating temperature/humidity:0°C-50°C, 10%-90% non-condensing<br>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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