

## Full-gigabit Multi functional PoE Switch

# S1500 Series



### Product Overview

BDCOM S1500 Series is a full-gigabit smart POE switch with a large buffer memory introduced by BDCOM. It is designed for the video surveillance and wireless coverage in the medium and small networks. BDCOM S1500 Series has three models: S1510-8P, S1518-16P and S1526-24P, which meets the need of networks of different scales.

### Product Characteristics

#### Switching Characteristics

- Non-block switching architecture and wire-speed forwarding supported by all ports;
- Large buffer memory with no video interruption;
- IEEE802.3x full duplex flow control and Back pressure half-duplex flow control;
- Multi functional dial-code which meets the requirement of different networking

#### PoE Characteristics

- Meet the standard of IEEE802.3af/at, the max PoE power of a single port is 30W
- Large power PoE power supply, and full-port 802.3af full-load
- Smart standard 48V PoE power supply, power supply based on the terminal auto-negotiation
- Short-circuit protection and over current protection

S1510-8P  
S1518-16P  
S1526-24P

#### Practicability

- Integrated professional thunder-proof circuit and high grade thunder-proof design
- Built-in high quality PoE power supply and stable and secure PoE output
- Comply with CE, FCC

#### Usability

- Plug and play; no need of configuration;
- Indicators on the panel useful for learning the working status of the power supply

# Product Description

## S1510-8P



- 8 GE PoE ports + 2 GE Base-T ports
- Built-in AC power supply
- Functional dip switch:  
Default--standard working mode  
CCTV--1-8 port extension  
VLAN --1-8 port isolation

## S1518-16P



- 16 GE PoE ports +2 GE SFP ports
- Built-in AC power supply
- Functional dip switch:  
Default--standard working mode  
CCTV--1-8 port extension  
VLAN --1-16 port isolation

## S1526-24P



- 24 GE PoE ports + 2 GE SFP ports
- Built-in AC power supply
- Functional dip switch:  
Default--standard working mode  
CCTV--1-8 port extension  
VLAN --1-24 port isolation

# Product Specifications

Item		S1510-8P	S1518-16P	S1526-24P
Interface				
Switching capacity/Forwarding rate		20Gbps/15 Mpps	36Gbps/27 Mpps	52Gbps/42 Mpps
Forwarding mode		Storage-and-forward	Storage-and-forward	Storage-and-forward
MAC capacity		8K	8K	8K
Port cache		2M	4M	4M
POE port		8GE	16GE	24GE
Uplink RJ45		2GE	-	-
Uplink SFP		-	2GE	2GE
Jumbo Frame			9K	
Appearance				
Chassis	Dimensions (WxDxH) (mm)	220×150×40	440×208×44	440×208×44
	Weight(kg) (empty)	1.36	2.66	2.8
Package	Dimensions (WxDxH) (mm)	423x323x218	555x295x88	555x295x88
	Weight(kg)	1.6	3.2	3.5
Power		125W	260W	400W
Total output BTU (1000BTU/H=293W)		409.56	887.37	1365.19
PoE Power		120W	240W	370W
PoE power standard		802.3af/at, max output of the port is 30W		
Power supply		Built-in AC: 100~220V, 50-60Hz		
Working mode		Standard switching, 250meters long-distance transmission		
Environment		Operating temperature/humidity: -10°C~50°C, -5%~90% non-condensing Storage temperature/humidity: -40°C~70°C,5%-95% non-condensing		
Fan		Fanless	2	3
Thunder-proof		6KV		
Accessory		Rackmount kit, power cord		

# Ordering Information

S1510-8P	1000M Multi functional PoE Switch (8 10/100/1000M PoE ports, 2 GE TX ports; built-in AC 100-220V power supply; 110W PoE power, desk-top/rack-mounted installation)
S1518-16P	1000M Multi functional PoE Switch (16 10/100/1000M PoE ports, 2 GE SFP ports; built-in AC 100-220V power supply; 240W PoE power, rack-mounted installation)
S1526-24P	1000M Multi functional PoE Switch (24 10/100/1000M PoE ports, 2 GE SFP ports; built-in AC 100-220V power supply; 370W PoE power, rack-mounted installation)