

V11XX Series Switch

Unmanaged POE Switch

Key Features:

- Compatible with IEEE802.3at (30W) and IEEE802.3af (15.4W)
- Support working status indicator display to help fault analysis
- One-key smart switch, supports VLAN,Default , Extend
- Support QoS data priority

Introduction:

VSOL V11XX series switches adopt high-quality network chips and stable POE chips, which can not only provide high-speed and stable network connection for Internet devices, but also provide power for Internet devices (such as IP cameras, wireless APs, etc.), which is convenient for users. This series of switches is fully compliant with the IEEE802.3af/IEEE802.3at standard, which is very safe and reliable. They help users build safe and reliable high-performance networks with convenient installation and maintenance methods and rich business functions, and can be widely used in Ethernet access scenarios such as small and medium-sized enterprises, Internet cafes, hotels, and schools.



Model Lists



V1104-G-S-P

- 4*GE(RJ45, POE) ports
- 1*GE(Uplink, RJ45) port
- 1*GE(Uplink, SFP) port



V1108-2S-P

- 8*GE(RJ45, POE) ports
- 2*GE(Uplink, SFP) ports



V1116-2S-P1

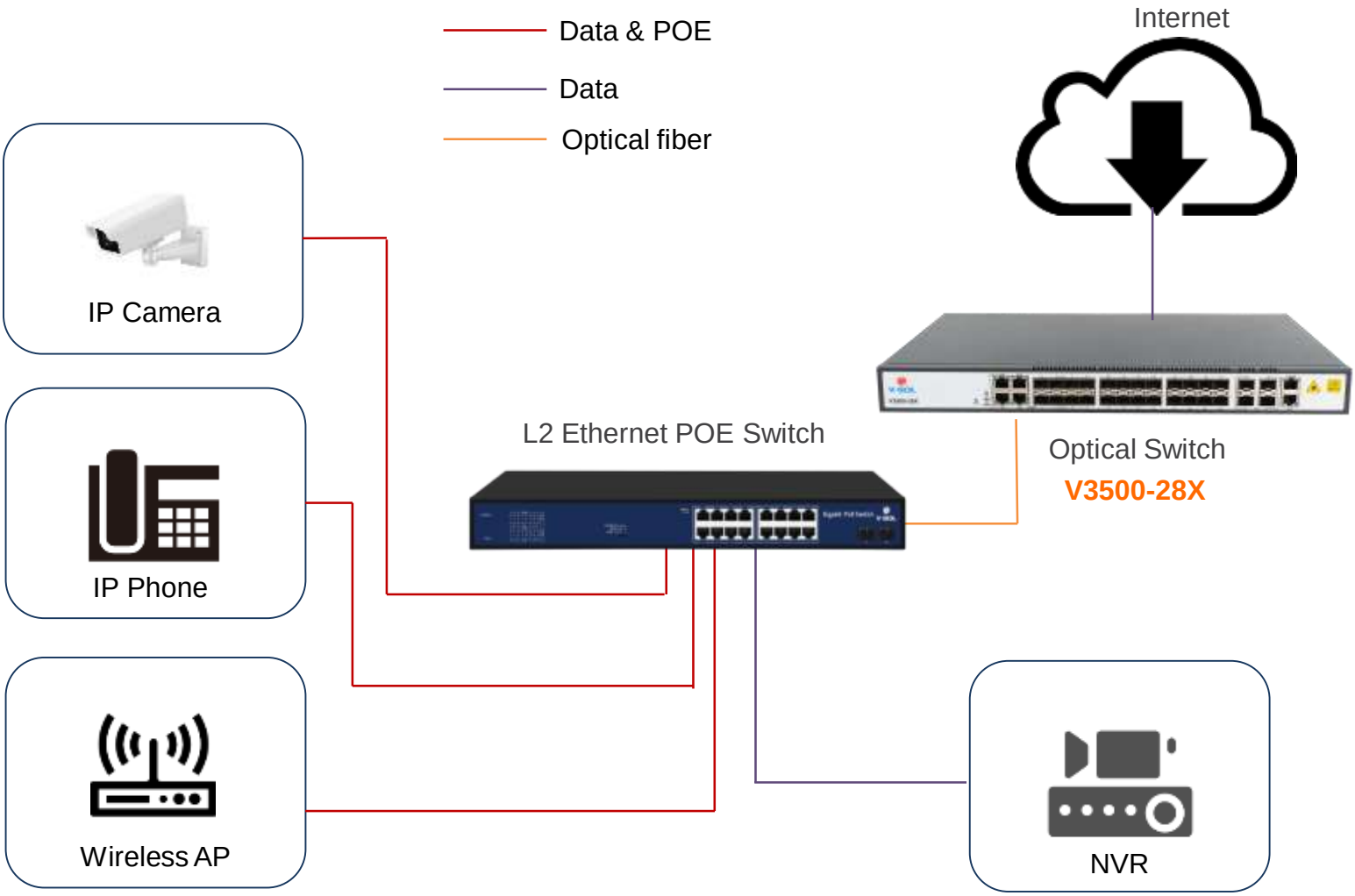
- 16*GE(RJ45, POE) ports
- 2*GE(Uplink, SFP) ports



V1124-2S-P1

- 24*GE(RJ45, POE) ports
- 2*GE(Uplink, SFP) ports

Application Diagram



Specifications

Parameter		V1104-G-S-P	V1108-2S-P	V1116-2S-P1	V1124-2S-P1
Interfaces		4*GE(RJ45, POE)+ 1*GE(Uplink, RJ45)+ 1* GE(Uplink, SFP)	8*GE(RJ45, POE)+ 2* GE(Uplink, SFP)	16*GE(RJ45, POE)+ 2* GE(Uplink, SFP)	24*GE(RJ45, POE)+ 2* GE(Uplink, SFP)
Chassis	Dimensions (L*W*H)(mm)	200*118*44	220*161*44	440*204*44	440*280*44
	Weight (KG)(empty)	0.63	0.9	2.82	3.55
Package	Dimensions (L*W*H)(mm)	245*190*60	315*215*85	500*290*85	500*365*85
	Weight (KG)(empty)	0.92	1.3	3.38	4.20
Switching Capacity(Gbps)		12	20	36	52
Throughput(Mpps)		8.928	14.88	26.784	38.68
Packet Buffer		1M	2M	4M	4M
MAC Address		2K	2K	8K	8K
Jumbo Frame		9Kbytes	9Kbytes	9.6Kbytes	9.6Kbytes
Transfer Mode		Store and forward	Store and forward	Store and forward	Store and forward
MTBF(Hours)		100,000	100,000	100,000	100,000
Power Voltage	Input Voltage	Input: AC 100-240V, 50/60Hz	Input: AC 100-240V, 50/60Hz	Input: AC 100-240V, 50/60Hz	Input: AC 100-240V, 50/60Hz
	Power Supply	DC 52V/1.25A	DC 52V/2.3A	DC 52V/5.76A	DC 52V/7.69A
Machine power consumption(W)		65W	120W	300W	400W
Indication		PWR, Mode, 1-6 ACT, 1-6 1000M	PWR, Mode, 1-10 ACT, 1-10 1000M	PWR, 1-18 ACT, 1-18 1000M	PWR, 1-26 ACT, 1000M, 1-26 1000M

Features

Network protocol

- IEEE802.3(10Base-T)
- IEEE802.3u(100Base-TX)
- IEEE802.3ab(1000Base-TX)
- IEEE802.3z(1000Base-FX)
- IEEE802.3x(Flow control)

POE Protocol

- IEEE802.3af(15.4W)
- IEEE802.3at(30W)

Industry Standard

- EMI: FCC Part 15 CISPR(EN55032) class A
- EMS: EN61000-4-2(ESD)
- EN61000-4-4(EFT)
- EN61000-4-5(Surge)

Network Medium

- 10Base-T: Cat3, 4, 5 or above UTP(≤100m)
- 100Base-TX: Cat5 or above UTP(≤100m)
- 1000Base-TX: Cat5 or above UTP(≤100m)

Optical Media

- Multi mode fiber: 50/125, 62.5/125, 100/140um
- Single mode fiber: 8/125, 8.7/125, 9/125, 10/125um

Working Environment

- Working Temperature: -10 ~ 50℃
- Storage Temperature: -40 ~ 70 ℃
- Working Humidity ：10%~90%，non-condensing
- Storage Temperature：5%~90%，non-condensing
- Working Height：Maximum10,000 feet
- Storage height：Maximum 10,000 feet

LED Indicators

- PWR: Power indicator

(1) Light up: Power on normally
(2) Flash light: Power failure

- ACT/Green light

(1) Light up: Link connection
(2) Flash light: Data transmission
(3) Light off: Link exception

- 1000M

(1) Light up: 1000M link
(2) Light off: 100M link or link failure

- Mode

(1) Light up: VLAN
(2) Flash light: Default
(3) Light off: Extend

DIP Switch

- V1104-G-S-P

(1) VLAN: Port isolation mode. In this mode, the PoE ports (1-4) of the switch cannot communicate with each other, and can only communicate with the UP-link port
(2) Default: Normal mode, all port can communicate with each other, the transmission distance is within 100 meters
(3) Extend: Link extension mode, 3-4 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M

- V1108-2S-P

(1) Extend ON: 7-8 Ports Support 250 Meters power supply and data transmission, the trans mission rate becomes 10M, other ports remain normal transmission
(2) Extend OFF: Normal Mode, all ports can communicate with each other. The transmission distance is less than 100 m, and the transmission rate is 10M/100M/1000M adaptive

- V1116-2S-P1

(1) VLAN: Port isolation mode. In this mode, the PoE ports (1-16) of the switch cannot communicate with each other, and can only communicate with the UP-link port.
(2) Default: Normal mode, all port can communicate with each other, the transmission distance is within 100 meters
(3) Extend: Link extension mode, 9-16 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M

- V1124-2S-P

(1) VLAN: 1-24 port is isolated each other, but all can communicate with uplink port 25/26
(2) Default :All ports communicate freely
(3) Extend: 17-24 Port support 250 meters transmission on 10Mbps/s