

## V1500-6FS-R

### L2 UNMANAGED POE ETHERNET SWITCH

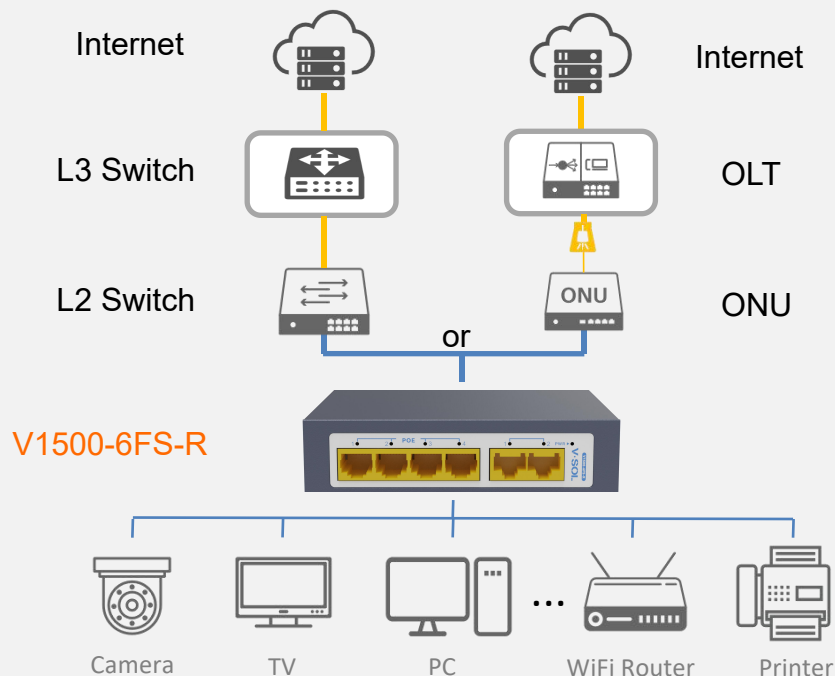
#### Key Features:

- 6-port full 100Mbps unmanaged Ethernet port
- Compliant with IEEE802.3at (30W), IEEE802.3af (15.4W) standards
- Wide operating temperature range -30° C to 60° C
- Ready-to-use: Plug and play, no setup required

#### Introduction:

The **V1500-6FS-R** switch is a six-port, unmanaged Layer 2 PoE Ethernet switch developed by VSOL. It offers six 100M Ethernet ports, four of which are PoE. This switch is designed for scenarios requiring fast deployment and stable, reliable network connectivity. It supports IEEE 802.3x full-duplex flow control, effectively preventing packet loss caused by network congestion. Its fanless passive cooling design ensures completely silent operation, making it suitable for noise-sensitive environments such as offices and conference rooms. Adhering to the "plug-and-play" principle, it intelligently establishes a local network upon power-up, requiring no complex configuration. It is an ideal network expansion solution for small and medium-sized businesses, home offices, and specialized industry applications.

#### Application Chart:



# V1500-6FS-R

## 6 Ports L2 UNMANAGED POE ETHERNET SWITCH

### Technical Specifications:

| Item                     |                       | V1500-6FS-R                                                                                                                                                                                                                                             |
|--------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interfaces               |                       | 4*FE(PoE, RJ45) + 2*FE(RJ45)                                                                                                                                                                                                                            |
| Chassis                  | Dimensions(L*W*H)     | 130*120*34mm                                                                                                                                                                                                                                            |
|                          | Net weight(Kg)        | 0.45                                                                                                                                                                                                                                                    |
| Package                  | Dimensions(L*W*H)     | 190*165*55mm                                                                                                                                                                                                                                            |
|                          | Gross weight(Kg)      | 0.57                                                                                                                                                                                                                                                    |
| Switching Capacity(Gbps) |                       | 1.2                                                                                                                                                                                                                                                     |
| Throughput(Mpps)         |                       | 0.8928                                                                                                                                                                                                                                                  |
| MAC Address              |                       | 2K                                                                                                                                                                                                                                                      |
| Transfer Mode            |                       | Store and forward                                                                                                                                                                                                                                       |
| Power                    | Input Voltage         | 100-240V                                                                                                                                                                                                                                                |
|                          | Power Supply          | 52V, 1A                                                                                                                                                                                                                                                 |
| Power consumption        |                       | 52W                                                                                                                                                                                                                                                     |
| Indication               | Describe              | PWR,Link                                                                                                                                                                                                                                                |
|                          | Rules                 | PWR-Power indicator-<br>(1) Steady on: Power on;<br>(2) Off: Power off;<br>Network port indicator-<br>(1) Steady on: Network cable connected;<br>(2) Flashing: Data is being transmitted via the network cable;<br>(3) Off: No network cable connected; |
| Network Protocol         |                       | IEEE802.3(10Base-T)<br>IEEE802.3u(100Base-TX)<br>IEEE802.3x(Flow Control)<br>IEEE802.1p                                                                                                                                                                 |
| PoE Protocol             |                       | IEEE802.3 af/at                                                                                                                                                                                                                                         |
| Transmission Medium      |                       | 10Base-T: Cat3, 4, 5 or above UTP(≤100m)<br>100Base-TX: Cat5 or above UTP(≤100m)                                                                                                                                                                        |
| Work Environment         | Operating temperature | -30°C~60°C                                                                                                                                                                                                                                              |
|                          | Operating humidity    | 5%~95%(non-condensing)                                                                                                                                                                                                                                  |
|                          | Storage temperature   | -40°C~85°C                                                                                                                                                                                                                                              |
|                          | Storage humidity      | 5%~95%(non-condensing)                                                                                                                                                                                                                                  |

### Ordering Information:

| Product Name | Product Description | Accessories |
|--------------|---------------------|-------------|
| V1500-6FS-R  | 4*FE(PoE)+2*FE      | NA          |



## V1500 Series Switch

Gigabit Unmanaged Ethernet PoE Switch

### Key Features:

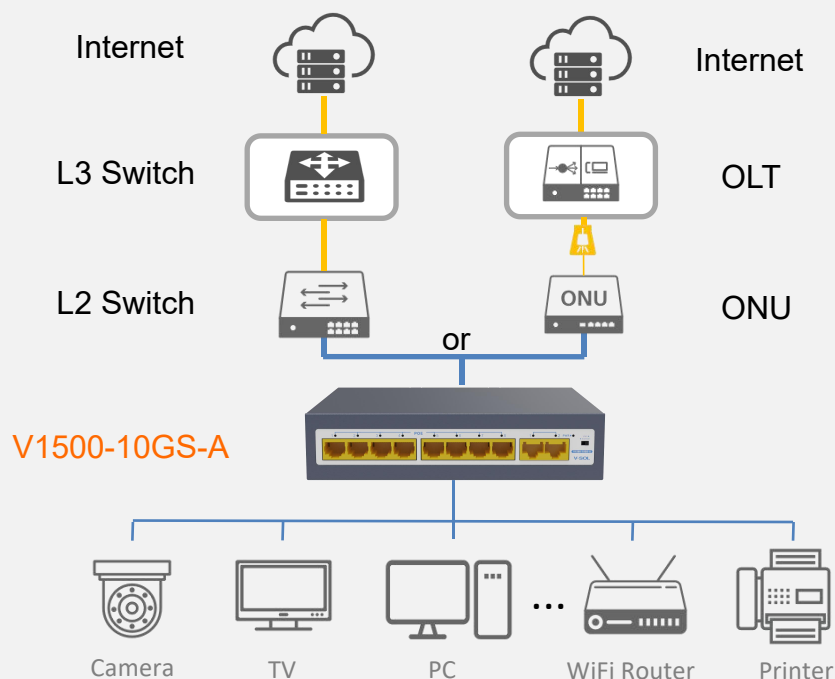
- Gigabit unmanaged Ethernet port
- Compliant with IEEE 802.3at (30W), IEEE 802.3af (15.4W) standards
- Wide operating temperature range -30° C to 60° C
- Ready-to-use: Plug and play, no setup required

### Introduction:

The V1500 series switch is a fully Gigabit, box-style, Layer 2 unmanaged PoE Ethernet switch independently developed by VSOL. Equipped with premium network chips and stable PoE chips, it not only provides high-speed, stable network connectivity for internet-connected devices but also supplies power to PoE-enabled devices such as IP cameras and wireless APs, offering users enhanced convenience. The VSOL V1500 POE series switches comply with IEEE 802.3af/IEEE 802.3at POE protocols and offer high reliability.

This product is specifically designed for scenarios requiring rapid deployment and stable, reliable network connections. Supporting IEEE 802.3x full-duplex flow control, it effectively prevents packet loss caused by network congestion. Featuring a fanless passive cooling design, it operates completely silently, making it suitable for noise-sensitive environments like offices and conference rooms. Embracing a “plug-and-play” philosophy, it requires no complex configuration—simply power it on to intelligently build a local network. This makes it an ideal network expansion solution for small and medium-sized businesses, home offices, and specific industry applications.

### Application Chart:



# V1500 Series Switch

## Gigabit Unmanaged Ethernet PoE Switch



### Technical Specifications:

| Item                     |                       | V1500-8G2XS-A                                                                                                                                                                                                                          | V1500-10GS-A                                                                                                                                                                                                                                                            |
|--------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interfaces               |                       | 8*GE(PoE, RJ45) + 2*GE(SFP,Uplink)                                                                                                                                                                                                     | 8*GE(PoE, RJ45) + 2*GE(RJ45,Uplink)                                                                                                                                                                                                                                     |
| Chassis                  | Dimensions(L*W*H)     | 186*155*44mm                                                                                                                                                                                                                           | 186*155*44mm                                                                                                                                                                                                                                                            |
|                          | Net weight(Kg)        | 1.03                                                                                                                                                                                                                                   | 1.01                                                                                                                                                                                                                                                                    |
| Package                  | Dimensions(L*W*H)     | 238*214*62                                                                                                                                                                                                                             | 238*214*62                                                                                                                                                                                                                                                              |
|                          | Gross weight(Kg)      | 1.18                                                                                                                                                                                                                                   | 1.17                                                                                                                                                                                                                                                                    |
| Switching Capacity(Gbps) |                       | 20                                                                                                                                                                                                                                     | 20                                                                                                                                                                                                                                                                      |
| Throughput(Mpps)         |                       | 14.88                                                                                                                                                                                                                                  | 14.88                                                                                                                                                                                                                                                                   |
| MAC Address              |                       | 8k                                                                                                                                                                                                                                     | 2k                                                                                                                                                                                                                                                                      |
| Transfer Mode            |                       | Store and forward                                                                                                                                                                                                                      | Store and forward                                                                                                                                                                                                                                                       |
| Power                    | Input Voltage         | AC 100-240V, 50/60Hz                                                                                                                                                                                                                   | AC 100-240V, 50/60Hz                                                                                                                                                                                                                                                    |
|                          | Power Supply          | 52V/1.93A                                                                                                                                                                                                                              | 52V/1.93A                                                                                                                                                                                                                                                               |
| Power consumption        |                       | 100W                                                                                                                                                                                                                                   | 100W                                                                                                                                                                                                                                                                    |
| DIP Switch               |                       | /                                                                                                                                                                                                                                      | VLAN: Port Isolation Mode. The POE ports (1-8) of the switch cannot communicate with each other and can only communicate with the uplink port.<br>NORMAL: Normal mode. The POE ports (1-8) of the switch can communicate with each other and also with the uplink port. |
| Network Protocol         |                       | IEEE 802.3(10Base-T)<br>IEEE 802.3u(100Base-TX)<br>IEEE 802.3ab(1000Base-TX)<br>IEEE 802.3z(1000Base-FX)<br>IEEE802.3x(Flow Control);IEEE802.1p                                                                                        | IEEE 802.3(10Base-T)<br>IEEE 802.3u(100Base-TX)<br>IEEE 802.3ab(1000Base-TX)<br>IEEE 802.3z(1000Base-FX)<br>IEEE 802.3x(Flow Control);IEEE802.1p                                                                                                                        |
| PoE Protocol             |                       | IEEE 802.3af(15.4W);IEEE 802.3at(30W)                                                                                                                                                                                                  | IEEE 802.3af(15.4W);IEEE 802.3at(30W)                                                                                                                                                                                                                                   |
| Transmission Medium      |                       | 10Base-T: Cat3, 4, 5 or above UTP(≤100m)<br>100Base-TX: Cat5 or above UTP(≤100m)<br>1000Base-TX: Cat5 or above UTP(≤100m)<br>Multi mode fiber:<br>50/125, 62.5/125, 100/140um<br>Single mode fiber:<br>8/125, 8.7/125, 9/125, 10/125um | 10Base-T: Cat3, 4, 5 or above UTP(≤100m)<br>100Base-TX: Cat5 or above UTP(≤100m)<br>1000Base-TX: Cat5 or above UTP(≤100m)                                                                                                                                               |
| Work Environment         | Operating temperature | -30℃~60℃                                                                                                                                                                                                                               | -30℃~60℃                                                                                                                                                                                                                                                                |
|                          | Operating humidity    | 5%~95%(non-condensing)                                                                                                                                                                                                                 | 5%~95%(non-condensing)                                                                                                                                                                                                                                                  |
|                          | Storage temperature   | -40℃~85℃                                                                                                                                                                                                                               | -40℃~85℃                                                                                                                                                                                                                                                                |
|                          | Storage humidity      | 5%~95%(non-condensing)                                                                                                                                                                                                                 | 5%~95%(non-condensing)                                                                                                                                                                                                                                                  |

### Indication:

| Indication | description | PWR,Link                                                                                                                                                                                                                                                                                                                              |
|------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | rules       | PWR: Power indicator (1) Light up: Power on normally (2) Flash light: Power failure<br>LAN1-LAN8 indicator-(1) Light up: Link connection(2) Flash light: Data transmission(3) Light off: Link exception<br>Uplink1-Uplink2 indicator-(1) Light up: Device connection(2) Flash light: Data transmission(3) Light off: Device exception |

### Ordering Information:

| Product Name  | Product Description                 | Accessories |
|---------------|-------------------------------------|-------------|
| V1500-8G2XS-A | 8*GE(PoE, RJ45) + 2*GE(SFP,Uplink)  | NA          |
| V1500-10GS-A  | 8*GE(PoE, RJ45) + 2*GE(RJ45,Uplink) | NA          |