



## V3501-28G-BT

### L3 MANAGED ETHERNET SWITCH

#### Key Features:

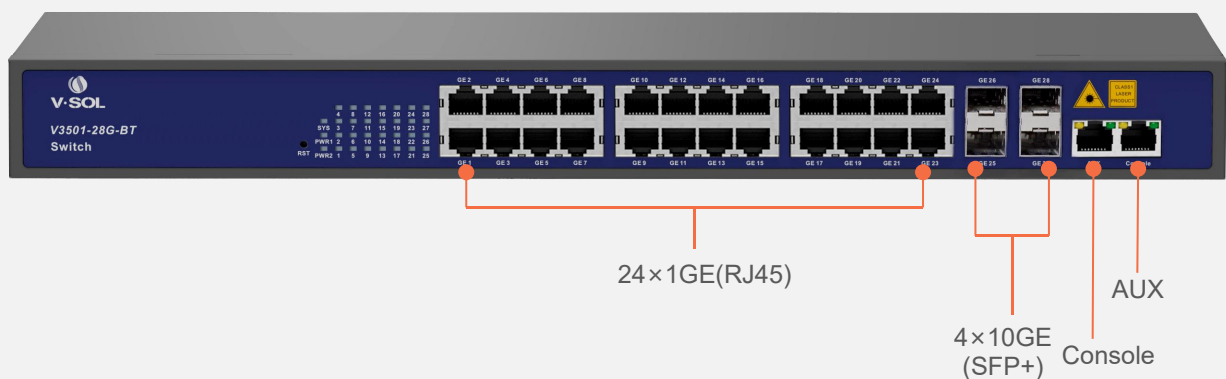
- Rich business functions: RIP/OSPF/IPv6
- Support dual power backup and battery access
- Easy to manage and friendly interface
- WebUI

#### Introduction:

The V3501-28G-BT switch is brand-new enhanced gigabit access switch that provides 24\*GE electrical downlink ports and fixed 4\*10GE uplink ports.

It provides 24 Gigabit ports and 4 SFP+ ports, which can meet the requirements of Gigabit access or convergence network. The product supports dual power redundancy and battery access. When a city power outage occurs, the device automatically switches to battery power to ensure uninterrupted business. It has L3 features such as RIP/OSPF/IPv6 to meet the application requirements of voice, video, and data services, and is widely used in the access of enterprise networks and campus networks. It provides the users with a high-performance, easy-to-manage, easy-to-expand, and low-cost solution when it comes to Gigabit to desktop solutions.

#### Application Chart:



# V3501-28G-BT

## 24 Ports L3 MANAGED ETHERNET SWITCH

### Technical Specifications:

#### Management Ports

- 1\*CONSOLE port
- 1\*AUX port

#### High Reliability & Safety

- Dual power backup
- Static/Dynamic LACP link aggregation
- Support L2/L3/L4-based ACL flow identification and filtering security mechanism
- Support port isolation
- Support IEEE 802.1x, AAA, Radius and Tacas+

#### Management Mode

- SNMP/Telnet/CLI/WEB/SSHv2
- Support TFTP to Upload & Download File
- CLI command style similar to mainstream manufacturers

#### Management Function

- Port Status monitoring and configuration management
- User management
- Alarm management
- Logo DIY

#### Layer2 Switch

- 16K Mac address
- Support 4096 VLANs
- Support port VLAN and protocol VLAN
- Support VLAN tag/Un-tag ,VLAN transparent transmission
- Support VLAN translation and QinQ
- Support storm control based on port
- Support port isolation
- Support port rate limitation
- Support 802.1D and 802.1W
- Support static LACP
- QoS based on port, VID, TOS and MAC address
- Access control list
- IEEE802.x flow control
- Port stability statistic and monitoring
- Support RSTP

#### Multicast

- IGMP v1/v2, IGMP Snooping,IGMP Proxy
- Multicast group quantitative limitation
- 1K Multicast groups

#### IPv6

- Support IPv6 SNMP/Telnet/Https
- Support IPv6 SLAAC
- Support MLD v1/v2,MLD Snooping

#### DHCP

- DHCP server/DHCP relay/DHCP snooping
- DHCP option82
- DHCPv6 server,DHCPv6 relay

#### Layer 3

- ARP proxy
- Static route, 6K hardware Host Routes, 768 hardware Subnet Routes
- RIPv1/v2, RIPng, OSPFv2/v3

Item		V3501-28G-BT
Chassis	Rack	1U 19 inch standard box
1G User Port	QTY	24
	Physical Interface	RJ45
	Forward Rate	1Gbps
10G Uplink Port	QTY	4
	Physical Interface	SFP+ Slots
	Forward Rate	10Gbps
Management Ports		1*CONSOLE port + 1*AUX port
Switching Capacity (Gbps)		128
Throughput (Mpps)		95.232
Dimension (LxWxH)		442*162*43.6mm
Weight		2.25kg
AC Power Supply		Working Voltage Range: 100~240V, Rated Voltage: 110V/220V
Power Consumption		25W
Operating Environment	Working Temperature	-20~+60°C
	Storage Temperature	-40~+70°C
	Relative Humidity	10~85% (non-condensing)

### Ordering Information:

Product Name	Product Description	Power Configuration	Accessories
V3501-28G-BT	24*GE(RJ45)+ 4*GE(SFP)/10GE(SFP+)	1*AC power 2*AC power 1*AC power + 1* BBU interface	1G SFP module 10G SFP+ module