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## V3500-28G

### L3 MANAGED ETHERNET SWITCH

#### Key Features:

- Rich business functions: OSPF/BGP/IPv6
- Power backup & BBU(optional)
- Easy to manage and friendly interface
- WebUI & Logo DIY

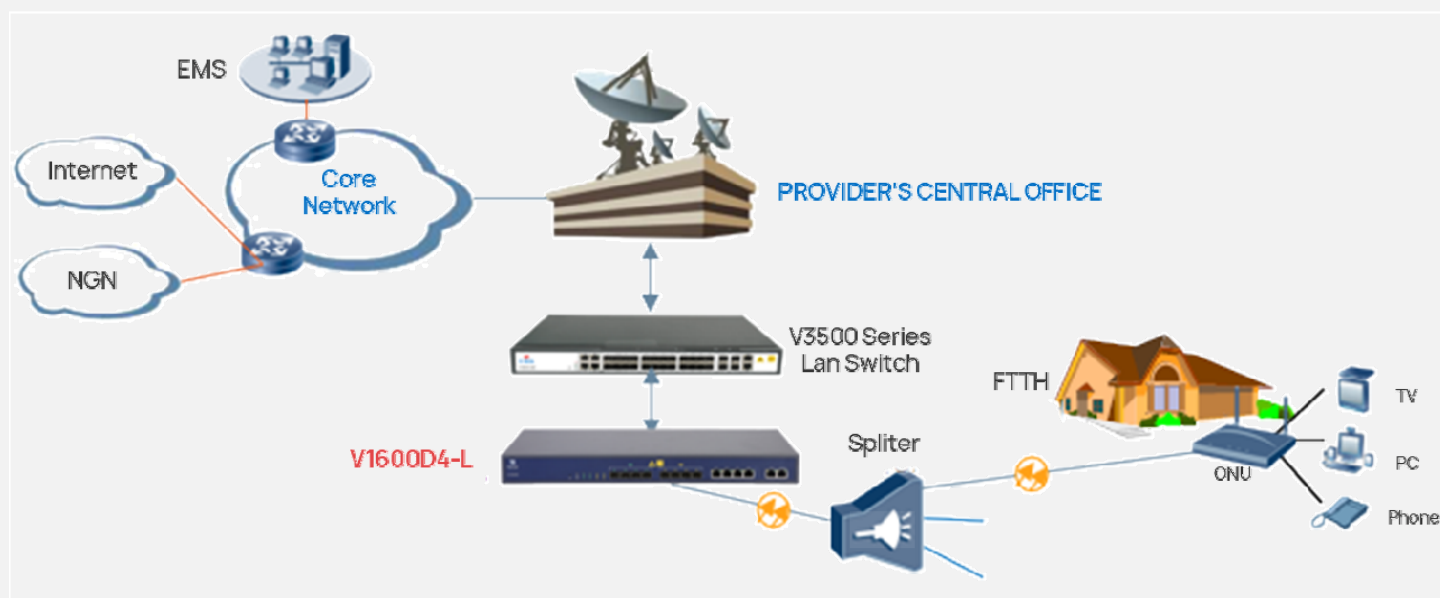


#### Introduction:

The V3500 series switches are brand-new enhanced gigabit access switches that provide all-GE electrical downlink ports and fixed 4\*GE & 4\*10GE uplink ports.

It provides 24 Gigabit ports and 4 SFP and 4 SFP+ ports, which can meet the requirements of Gigabit access or convergence network. The product has L3 features such as RIP/OSPF/BGP/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:



# V3500-28G

## 24 Ports L3 MANAGED ETHERNET SWITCH

### Technical Specifications:

#### Management Ports

- 1\*10/100BASE-T out-band port,
- 1\*CONSOLE port

#### Rich Business Functions

- Supports RIP/OSPF/BGP/IPv6 to meet the application requirements of voice, video, and data services

#### High Reliability & Safety

- Dual power backup
- Static/LACP link aggregation
- Support L2/L3/L4-based ACL flow identification and filtering security mechanism
- Support port isolation
- Support SYN Flood of TCP attacks and UDP Flood attacks
- DHCP Snooping, DHCP Option 82
- Command line hierarchical protection

#### Management Mode

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

#### Management Function

- Fan Group Control
- 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

#### Multicast

- IGMP v1/v2, IGMP Snooping,IGMP Fast Leave
- Multicast group quantitative limitation
- Multicast Traffic cross-VLAN replication

#### IPv6

- Support IPv6 SNMP/Telnet/Https
- Support IPv6 neighbor discovery, stateless address auto configuration,IPv6 access control list
- Support MLD v1/v2,MLD Snooping

#### DHCP

- DHCP server/DHCP relay/DHCP snooping

#### Layer 3

- ARP proxy
- Static route,1024 hardware Host Routes,512 hardware Subnet Routes
- RIPv1/v2, OSPFv2

| Item                                   |                     | V3500-28G                |
|--|---------------------|--------------------------|
| Chassis                                | Rack                | 1U 19 inch standard box  |
| 1G User Port<br>(LAN21-LAN24 is Combo) | QTY                 | 24                       |
|  | Physical Interface  | RJ45                     |
|  | Forward Rate        | 1Gbps                    |
| 1G<br>Uplink Port                      | QTY                 | 4                        |
|  | Physical Interface  | SFP Slots                |
|  | Forward Rate        | 1Gbps                    |
| 10G<br>Uplink Port                     | QTY                 | 4                        |
|  | Physical Interface  | SFP+ Slots               |
|  | Forward Rate        | 10Gbps                   |
| Switching Capacity (Gbps)              |                     | 128                      |
| Throughput (Mpps)                      |                     | 95.232                   |
| Dimension (LxWxH)                      |                     | 442*285*43.6mm           |
| Weight                                 |                     | 4.2kg                    |
| AC Power Supply                        |                     | AC:90~264V, 47/63Hz      |
| DC Power Supply                        |                     | DC:-48V                  |
| Power Consumption                      |                     | 35W                      |
| Operating Environment                  | Working Temperature | 0~+50°C                  |
|  | Storage Temperature | -40~+85°C                |
|  | Relative Humidity   | 5~90% (non-conditioning) |

### Ordering Information:

| Product Name | Product Description                                 | Power Configuration  | Accessories                      |
|--------------|---|--|----------------------------------|
| V3500-28G    | 20*GE(RJ45)+4*GE (SFP/RJ45 combo) + 4*10GE/GE(SFP+) | 1*AC power<br>2*AC power<br>2*DC power<br>1*AC power + 1* DC power<br>BBU(Backup Battery Unit, option) | 1G SFP module<br>10G SFP+ module |