

V3700-12X

12 Ports 10G L3 Management Ethernet Switch

Key Features:

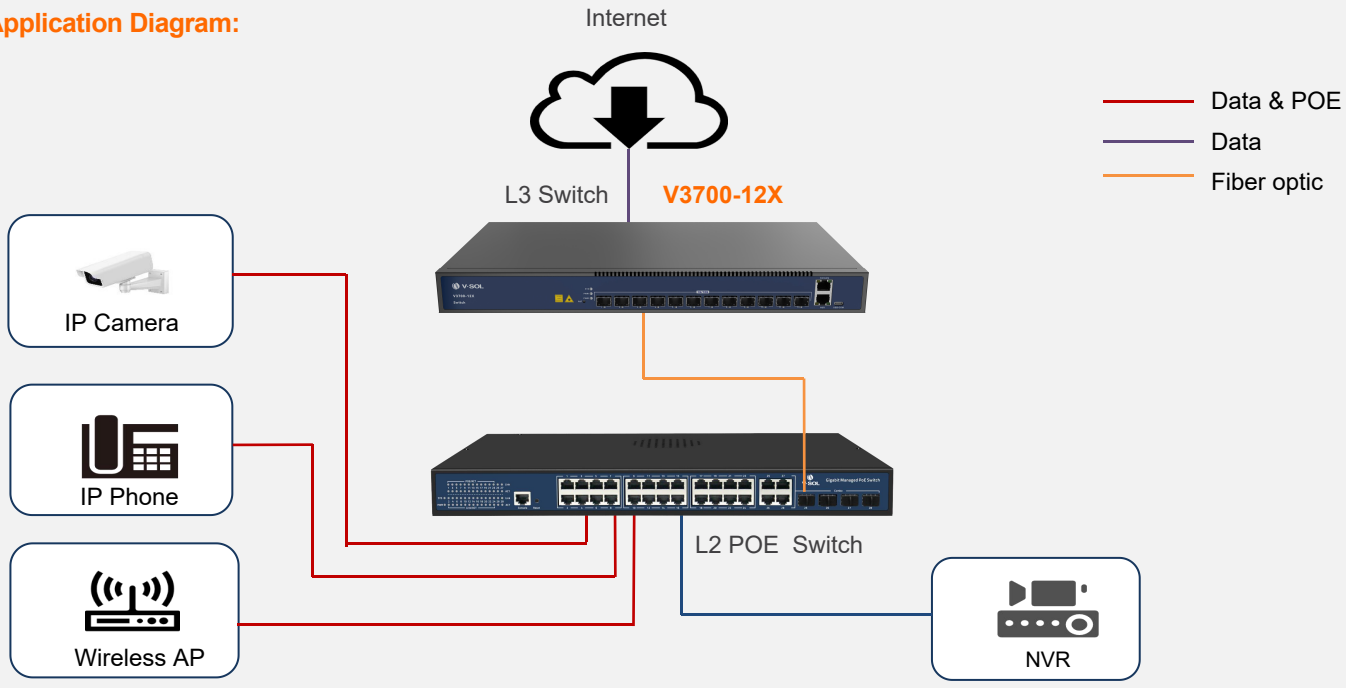
- Support IEEE 802.1d/w/s/p、IEEE 802.3、IEEE 802.3u/x/z/ab/ae standard
- L3 Management, support DHCP Server, QoS, ACL control, support SNMP V1/V2/V3, IGMP Snooping v1/v2
- Support STP/RSTP/MSTP, loop detection and self-healing
- Support multiple VLAN division, Mac VLAN, Protocol VLAN, Private VLAN
- Support IP address + MAC address + VLAN+Port binding, DHCP Snooping, support IP source and DAI protection
- Support IPv4/IPv6.RIPv1/v2 OSPF

Introduction:

The V3700-12X switch is a fully 10-Gigabit Layer 3 managed switch independently developed by VSOL. It provides 12*10GE(SFP+) ports to meet high-speed networking demands, featuring comprehensive security control policies and CPU protection strategies that enhance fault tolerance, ensuring stable network operation and link load balancing. This device supports automatic DoS attack prevention, SNMP, IEEE 802.1q, Spanning Tree, Rapid Spanning Tree Protocol, and link aggregation. It incorporates advanced security features and advanced QoS, making it suitable for deployment as a core, distribution, or access layer switch. It features high port density and ease of management.

This product is widely used in scenarios such as 10 Gigabit aggregation for small and medium-sized enterprises, hotels, and campus networks, as well as the core of small to medium-sized campus networks.

Application Diagram:



V3700-12X

12 Ports 10G L3 Management Ethernet Switch

Technical Specifications:

Management Ports

- 1*10/100BASE-T out-band port
  1*CONSOLE port
  1*USB-COM

Rich Network Functions

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

High Reliability & Safety

- Dual power backup
- Static/Dynamic LACP link aggregation
- Support port isolation
- Support SYN Flood of TCP Attack
- and UDP Flood Attack
- DHCP Snooping, DHCP Option 82
- Command line hierarchical protection
- AAA authentication
- RADIUS, TACACS+ authentication.
- 802.1X, port authentication/MAC authentication/local authentication/WEB authentication.
- IP Source Guard
- Dynamic ARP checking
- DOS anti-attack Support ACL (MAC ACL, IPv4 ACL, IPv6 ACL)

Management Function

- Fan Group Control
- Port Status monitoring and configuration management
- User management
- Alarm management
- Logo DIY

Layer2 Switch

- 32K 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

DHCP

- DHCP server/DHCP relay/DHCP snooping

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

Layer 3

- ARP proxy
- Static route,12K hardware Host Routes,12K hardware Subnet Routes
- RIPv1/v2, OSPFv2

Q&M

- Support SNMP/Telnet/CLI/WEB/SSHv2
- Support TFTP protocol for file upload and download
- The cost of learning CLI command line is low, and the CLI command line format is similar to that of mainstream manufacturers' command lines.

Item		V3700-12X
Port	Ethernet port	12*10G SFP+ Ports
	Management port	1*Console;1*AUX;1*USB-COM
Product	Dimension (LxWxH)	442*220.2*43.6mm
	N.W	2.80KG
Bandwidth(Gbps)		120
Packet Buffer Memory (Mpps)		178.56
DDR SDRAM(MByte)		512MB
Flash Memory(MByte)		256M Nand
Package cache(MBit)		16
MAC Address		32K
Jumbo Frame(Kbyte)		12
VLANs		4096
MTBF		100000 hours
Power Voltage	AC	Working Voltage Range: 100~240V, Rated Voltage: 110V/220V
	DC	Working Voltage Range: -36~-75V, Rated Voltage: -48V/-60V
Whole Machine power		30W
Surge Protection		Common Mode (CM): 4KV Electrostatic Discharge (ESD): Air Discharge 8KV, Contact Discharge 4KV
Working Environment	Operating temperature	-20~+60°C
	Storage temperature	-40~+70°C
	Relative Humidity	5~95% (non-condensing)

Ordering Information:

Product Name	Product Description	Power Configuration	Accessories
V3700-12X	12*10GE(SFP+)	1*AC power 2*AC power 2*DC power 1*AC power + 1* DC power	1G SFP module 10G SFP+ module