

Overview

This series switches provide 24*10/100/1000Mbps Ethernet RJ-45 ports, 4*100/1000Mbps combo (RJ-45/SFP) ports. It meets IEEE 802.3af/at standard. All downlink RJ-45 ports support Power-over-Ethernet (PoE+), which can deliver up to 30W power per port.

The switch has extensive L2 management functions, such as 802.1Q VLAN, ACL, LAG, loop detection and SNMP. It can be easily managed via a WEB GUI, or CLI (telnet/console). It is easy to use, Plug-and-Play, can be widely used in video security monitoring system, network project, etc.

Features and Highlights

Abundant Interfaces

- CY-S3328T-450
24*10/100/1000Base-T PoE+ RJ-45(Auto MDI/MDIX) ports
4*100/1000Mbps Combo (RJ-45/SFP)
1*RJ-45 Console

Easy-to-use

- Plug-and-Play
- Manage via a WEB

Layer 2 Management Function

- 802.1Q VLAN
- ACL
- LAG
- IGMP Snooping
- SNMP



CY-S3328T-450



Specifications

CY-S3328T-450	
Hardware Specifications	
Downlink Port	24*10/100/1000Base-T PoE+ RJ-45(Auto-MDI/MDI-X)
Uplink Port	4*1000M Combo (RJ-45/SFP)
Console port	1*RJ-45
LED Indicators	1*PWR, power supply indicator
	1*SYS, system working indicator
	28*Link, port state indicators
	24*PoE, port PoE state indicators
Dimensions (W*D*H)	440mm*315mm*44mm
Input Voltage	100~240V AC, 50~60Hz
Power Consumption	≤450W (Full load including PoE)
Material	Metal shell
Installation	Rack/Desktop/Wall mounted
Switch Property	
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Forwarding Modes	Store and Forward
MAC Table	8k, support auto learning
Switching Capacity	56Gbps/non-blocking
Packet Forwarding Rate	41.6Mpps
Jumbo Frame	9kB
Power Supply	
PoE Standard	IEEE 802.3af/at
PoE Power Supply Type	End-span
PoE Pin Assignment	1/2(+), 3/6(-)
PoE Budget	30W max for each port, 400W max for whole switch
Reliability	
Operating	0°C~45°C, 10%~90% (Non-condensation)
Storage	-40°C~70°C, 5%~90% (Non-condensation)

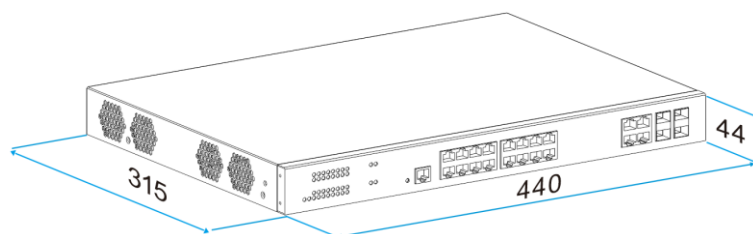
Software Architecture

Items	CY-S3328T-450
VLAN	Port-based VLAN, 802.1Q-based VLAN, Protocol-based VLAN, MAC-based VLAN, Multicast-based VLAN
	Access mode, Trunk mode , Hybrid mode
	Max. 4094 VLAN
QinQ	Basic QinQ, Flexible QinQ
	Priority replication and mapping
	MAC address copy
	Layer 2 protocol transparent transmission
LACP	LACP mode, Manual mode
	Each link aggregation group has no less than 8 ports, No less than 8 link aggregation groups per switch
LLDP	Support LLDP
Spanning Tree	STP, RSTP, MSTP
Loopback	Port based, VLAN-based
PoE	Port PoE configuration
	PoE scheduled management
	PD-alive
Storm Control	Broadcast storm control, Multicast Storm Control, Unknown unicast storm control
QoS	Inbound speed limit, Outbound speed limit
	Speed limit based on access control
	CoS-to-DSCP, DSCP-to-CoS, PQ, WRR, SP + WRR
ACL	MAC-based ACL, IPV4-based ACL, IPV6-based ACL, Protocol-based ACL
Security Feature	IP + port, MAC + port, IP + MAC, IP + MAC + port, IP + VLAN, MAC + VLAN, IP + MAC + VLAN, IP + MAC + VLAN + port
	Port maximum MAC address learning control
	DHCP snooping
	IP source guard
Port Isolation	Support port isolation
Port Mirroring	One-to-one mirroring
	Many-to-one mirroring
IGMP Snooping	IGMP snooping V1, V2, V3
Static Routing	Multiple interface VLANs
	IPV4 static routing
IP Protocol	IPV4, IPV6
	SNMP
	Syslog
	Telnet, ssh, http, https
	DHCP server, DHCP client
	AAA
	Radius
	TACACS+

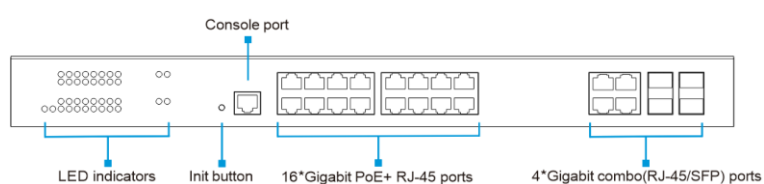
Appearances and Dimensions

CY-S3328T-450

Dimensions(mm)



Front panel



Rear panel

