# POE-7328-24T-400W

24 RJ-45 10/100M/1000M and 4 SPF+ ports with 24 POE Port Switch, Built-in power supply

## **Description**

The POE-7328-24T-400W, Layer3 managed POE switch, is designed for the edge of the access and LAN to provide high-quality network connections.

The POE-7328-24T-400W provides 24 10/100/1000Base-T ports and 4 10Gigabit SFP+, It provides 24 PoE Injector.

#### **Features**

- Conforms to IEEE802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.3z
   IEEE802.3af/at/bt, IEEE802.3ad
- Provides 24 10/100/1000Base-T ports and 4 10Gigabit SFP+
- Provides 24 PoE ports,1-4 ports support IEEE802.3af/at/bt,5-24 ports support IEEE802.3af/at, 400W Built-in power supply
- High back-plane bandwidth 128Gbps
- IEEE802.3x Flow control
- · Surge protection for power port and data ports

### **Specifications**

Specifications	
Item	Description
Hardware	
Fixed port	24 10/100/1000Base-T ports
	4 10Gigabit SFP+ ports
	1 Console port
	1 USB port
	1 Reset port
LED Indicators	PWR, PoE, Link/Act LED
Input voltage	100V~240V AC, 50/60Hz
Power consumption	400W (370W for PoE)
CPU	1GHz
DDR	4Gb DDR3
Flash Memory	128Mbits
Operating temperature	0℃~40℃
Storage temperature	-40℃~70℃
Relative humidity	$5\%{\sim}95\%$ (non-condensing)
Thermal methods	Built-in FAN
PoE	
PoE port	24 PoE ports.
	1-4 ports support IEEE802.3af/at/bt,5-24 ports
	support IEEE802.3af/at
PoE Standard	IEEE 802.3af/at/bt
Pin assignment	IEEE 802.3af/at/:2 pairs

V+ (RJ45 Pin 1, 2), V- (RJ45 Pin 3, 6)   IEEE 802.3bt/: 4 pairs   V+ (RJ45 Pin 1, 2), V- (RJ45 Pin 3, 6)   V+ (RJ45 Pin 4, 5), V- (RJ45 Pin 7, 8)   V+ (RJ45 Pin 4, 5), V- (RJ45 Pin 7, 8)   V+ (RJ45 Pin 4, 5), V- (RJ45 Pin 7, 8)   V+ (RJ45 Pin 4, 5), V- (RJ45 Pin 7, 8)   V+ (RJ45 Pin 4, 5), V- (RJ45 Pin 7, 8)   V+ (RJ45 Pin 4, 5), V- (RJ45 Pin 7, 8)   V+ (RJ45 Pin 4, 5), V- (RJ45 Pin 7, 8)   V+ (RJ45 Pin 4, 5), V- (RJ45 Pin 7, 8)   V+ (RJ45 Pin 7, 8)   V+ (RJ45 Pin 1, 2), V- (RJ45 Pin 3, 6)   V+ (RJ45 Pin 1, 2), V- (RJ45 Pin 3, 6)   V+ (RJ45 Pin 3,		
V+ (R)45 Pin 1, 2), V- (R)45 Pin 3, 6)   V+ (R)45 Pin 4, 5), V- (R)45 Pin 7, 8)		V+ (RJ45 Pin 1, 2), V- (RJ45 Pin 3, 6)
PoE management Support Port-base PoE status view and control.  L3 Switching Switching capacity 128Gbps Packet Buffer 12Mbits Throughput 95.232Mpps  Port configuration Port auto-negotiation Support Port flow control Support broadcast, multicast, DLF packet rate limit Port Mirroring Support Port Isolation Support Port Self-loop Detection Support Link Aggregation Support  MAC address table Support MAC address table MAC address Elearning Control  MAC Address Binding Support  MAC Address Binding Support  MAC Address Binding Support  MAC Address Filtering Support  MAC Address Elearning Control number of port-based MAC address learning control  VLAN Configuration  MAC-based VLAN Support  MAC-based VLAN Support  MAC-based VLAN Support  MAC-based VLAN Support  VLAN mapping Support  VLAN mapping Support  VLAN mapping Support  VLAN mapping Support  VALAN Reliability Protocol  Reliability Protocol		IEEE 802.3bt/:4 pairs
Note		V+ (RJ45 Pin 1, 2), V- (RJ45 Pin 3, 6)
Switching capacity 128Gbps Packet Buffer 12Mbits Throughput 95.232Mpps Port configuration Port auto-negotiation Support Port flow control Support Half-duplex back pressure flow control Support Half-duplex back pressure flow control Port Self-loop Detection Support  Support Support  Support Support Port Self-loop Detection Support  MAC address table Support  MAC address table Support MAC Address Binding Support  MAC Address Binding Support  MAC Address Filtering Support  MAC Address Learning Control number of port-based MAC address learning control  VLAN configuration  MAC-based VLAN Support  MAC-based VLAN Support  MAC-based VLAN Support  Protocol-based VLAN Support  Protocol-based VLAN Support  VLAN mapping Support  VLAN Reliability Protocol		V+ (RJ45 Pin 4, 5), V- (RJ45 Pin 7, 8)
Switching capacity 128Gbps Packet Buffer 12Mbits Throughput 95.232Mpps  Port configuration Port auto-negotiation Support Port flow control Support Half-duplex IEEE802.3x flow control Support Half-duplex back pressure flow control Support Foodcast, multicast, DLF packet rate limit Port Mirroring Support Support Support Support Support Support Port Isolation Support	PoE management	Support Port-base PoE status view and control.
Packet Buffer 12Mbits Throughput 95.232Mpps  Port configuration Port auto-negotiation Support Port flow control Support full duplex IEEE802.3x flow control Support Half-duplex back pressure flow control Support Half-duplex back pressure flow control Support Support Port Isolation Support Port Self-loop Detection Support Link Aggregation Support up to 128 aggregation groups, each group supports up to 8 ports  Jumbo Frame Jumbo packets up to 12K bytes Redundant port Support  MAC configuration MAC address table 16K MAC address table Support Static MAC address Support MAC Address Binding Support MAC Address Filtering Support MAC Address Filtering Support MAC Address Filtering Support MAC Address Learning control  VLAN configuration Number of VLANs Support  MAC-based VLAN Support MAC-based VLAN Support Protocol-based VLAN Support VLAN mapping Support VLAN mapping Support VLAN mapping Support Reliability Protocol	L3 Switching	
Port configuration Port auto-negotiation Support Port flow control Support Half-duplex IEEE802.3x flow control Support Half-duplex back pressure flow control Support Half-duplex back pressure flow control Support Half-duplex back pressure flow control Support broadcast, multicast, DLF packet rate limit Port Mirroring Support Port Isolation Support Port Self-loop Detection Support Link Aggregation Support Supports up to 128 aggregation groups, each group supports up to 8 ports  Jumbo Frame Jumbo packets up to 12K bytes Redundant port Support  MAC configuration MAC address table Support MAC address table Support MAC address Binding Support MAC Address Filtering Support MAC Address Filtering Support  VLAN configuration  Number of VLANs AK Port-based VLAN Support  MAC-based VLAN Support VLAN Support VLAN Support Voice VLAN Support VIAN Mapping Support VLAN mapping Support Reliability Protocol	Switching capacity	128Gbps
Port configuration Port auto-negotiation   Support   Port flow control   Support full duplex IEEE802.3x flow control   Support Half-duplex back pressure flow control   Support Half-duplex back pressure flow control   Support Half-duplex back pressure flow control   Support   Port Mirroring   Support   Port Isolation   Support   Port Self-loop Detection   Support   MAC configuration   MAC address table   16K   MAC address table   Support   MAC address Binding   Support   MAC Address Binding   Support   MAC Address Filtering   Support   MAC Address Filtering   Support   MAC Address Filtering   Support   MAC Address   Learning   Control number of port-based MAC address learning   Control of VLANs   4K   Port-based VLAN   Support   MAC-based VLAN   Support   Protocol-based VLAN   Support   VLAN mapping   Support   QinQ   Support   Reliability Protocol	Packet Buffer	12Mbits
Port auto-negotiation Support Port flow control Support full duplex IEEE802.3x flow control Support Half-duplex back pressure flow control Support Half-duplex back pressure flow control Support broadcast, multicast, DLF packet rate limit Port Mirroring Support Port Isolation Support Port Self-loop Detection Support Link Aggregation Support Supports up to 128 aggregation groups, each group supports up to 8 ports  Jumbo Frame Jumbo packets up to 12K bytes Redundant port Support  MAC configuration MAC address table 16K MAC address table Support MAC address table Support MAC Address Binding Support MAC Address Filtering Support MAC Address Learning control  VLAN configuration Number of VLANs 4K Port-based VLAN Support  MAC-based VLAN Support MAC-based VLAN Support MAC-based VLAN Support VIAN Support VIAN Support Protocol-based VLAN Support VLAN Support VIAN Support	Throughput	95.232Mpps
Port flow control Support full duplex IEEE802.3x flow control Support Half-duplex back pressure flow control Support Half-duplex back pressure flow control Support broadcast, multicast, DLF packet rate limit Port Mirroring Support Port Isolation Support Port Self-loop Detection Link Aggregation Support Supports up to 128 aggregation groups, each group supports up to 8 ports  Jumbo Frame Redundant port Support MAC configuration MAC address table Support MAC address table Support MAC Address Binding MAC Address Filtering MAC Address Filtering Support MAC Address Learning control  VLAN configuration  Number of VLANs MAC-based VLAN Support MAC-based VLAN Support Protocol-based VLAN Support VLAN mapping Support VLAN mapping Support VLAN mapping Support Support VLAN mapping Support Support VLAN mapping Support Support Support Support Support VLAN mapping Support Support Support Support VLAN mapping Support Supp	Port configuration	
Support Half-duplex back pressure flow control Broadcast storm control Support broadcast, multicast, DLF packet rate limit Port Mirroring Support Port Isolation Support Port Self-loop Detection Link Aggregation Support Supports up to 128 aggregation groups, each group supports up to 8 ports  Jumbo Frame Jumbo packets up to 12K bytes  Redundant port MAC configuration MAC address table MAC address table Support MAC address Binding MAC Address Filtering MAC Address Filtering MAC Address Learning control  VLAN configuration  Number of VLANs Port-based VLAN Support  MAC-based VLAN Support  Protocol-based VLAN Support  VLAN mapping Support  Reliability Protocol	Port auto-negotiation	Support
Broadcast storm control Support broadcast, multicast, DLF packet rate limit Port Mirroring Support Port Isolation Support Port Self-loop Detection Support Link Aggregation Support Link Aggregation Support Support Supports up to 128 aggregation groups, each group supports up to 8 ports  Jumbo Frame Jumbo packets up to 12K bytes Redundant port Support  MAC configuration MAC address table I6K MAC address table Support management Static MAC address Sinding Support MAC Address Filtering Support MAC Address Filtering Support MAC Address Filtering Control number of port-based MAC address learning control  VLAN configuration  Number of VLANs 4K Port-based VLAN Support  MAC-based VLAN Support  MAC-based VLAN Support  Protocol-based VLAN Support  VLAN mapping Support  VLAN mapping Support  Reliability Protocol	Port flow control	Support full duplex IEEE802.3x flow control
Port Mirroring         Support           Port Isolation         Support           Port Self-loop Detection         Support           Link Aggregation         Support           Supports up to 128 aggregation groups, each group supports up to 8 ports           Jumbo Frame         Jumbo packets up to 12K bytes           Redundant port         Support           MAC configuration         MAC address table           MAC address table         Support           MAC address Binding         Support           MAC Address Filtering         Support           MAC Address Learning control         Control number of port-based MAC address learning control           VLAN configuration         WIMBER of VLANS           Number of VLANS         4K           Port-based VLAN         Support           MAC-based VLAN         Support           MAC-based VLAN         Support           Protocol-based VLAN         Support           Voice VLAN         Support           Vice VLAN         Support           VLAN mapping         Support           Reliability Protocol         Support		Support Half-duplex back pressure flow control
Port Isolation Support  Port Self-loop Detection Support  Link Aggregation Support  Supports up to 128 aggregation groups, each group supports up to 8 ports  Jumbo Frame Jumbo packets up to 12K bytes  Redundant port Support  MAC configuration  MAC address table 16K  MAC address table Support  MAC address Binding Support  MAC Address Filtering Support  MAC Address Filtering Support  MAC Address Learning control  VLAN configuration  Number of VLANs Support  MAC-based VLAN Support  MAC-based VLAN Support  MAC-based VLAN Support  Protocol-based VLAN Support  Protocol-based VLAN Support  VLAN mapping Support  VLAN mapping Support  Reliability Protocol	Broadcast storm control	Support broadcast, multicast, DLF packet rate limit
Port Self-loop Detection Link Aggregation Support Supports up to 128 aggregation groups, each group supports up to 8 ports  Jumbo Frame Redundant port Support MAC configuration MAC address table MAC address table MAC address Binding MAC Address Filtering MAC Address Filtering MAC Address Learning control  VLAN configuration  Number of VLANs Port-based VLAN Support  MAC-based VLAN Protocol-based VLAN Support  VLAN mapping Support Support  Support	Port Mirroring	Support
Link Aggregation Support Supports up to 128 aggregation groups, each group supports up to 8 ports  Jumbo Frame Jumbo packets up to 12K bytes  Redundant port Support  MAC configuration  MAC address table 16K  MAC address table Support  MAC address Binding Support  MAC Address Filtering Support  MAC Address Filtering Support  MAC Address Learning control  VLAN configuration  Number of VLANs 4K  Port-based VLAN Support  MAC-based VLAN Su	Port Isolation	Support
Supports up to 128 aggregation groups, each group supports up to 8 ports  Jumbo Frame Jumbo packets up to 12K bytes  Redundant port Support  MAC configuration  MAC address table 16K  MAC address table Support  MAC Address Binding Support  MAC Address Filtering Support  MAC Address Filtering Support  MAC Address Learning control  VLAN configuration  Number of VLANs 4K  Port-based VLAN Support  MAC-based VLAN Support  MAC-based VLAN Support  MAC-based VLAN Support  Protocol-based VLAN Support  VLAN mapping Support  VLAN mapping Support  Reliability Protocol	Port Self-loop Detection	Support
supports up to 8 ports  Jumbo Frame Redundant port Support  MAC configuration  MAC address table MAC address table MAC address table MAC address Support  Static MAC address MAC address MAC Address MAC Address Binding MAC Address Filtering MAC Address Learning control  VLAN configuration  Number of VLANs Port-based VLAN Support  MAC-based VLAN Support  Voice VLAN Support  Voice VLAN Support  VLAN mapping Support  QinQ Support  Reliability Protocol	Link Aggregation	Support
Jumbo FrameJumbo packets up to 12K bytesRedundant portSupportMAC configurationMAC address table16KMAC address tableSupportMAC addressSupport.MAC Address BindingSupportMAC Address FilteringSupportMAC Address Learning controlControl number of port-based MAC address learning controlVLAN configuration4KNumber of VLANs4KPort-based VLANSupport802.1q VLANsSupportMAC-based VLANSupportIP-based VLANSupportProtocol-based VLANSupportVoice VLANSupportVoice VLANSupportVLAN mappingSupportQinQSupportReliability Protocol		Supports up to 128 aggregation groups, each group
Redundant portSupportMAC configurationMAC address table16KMAC address tableSupportMAC addressSupportStatic MAC addressSupportMAC Address BindingSupportMAC Address FilteringSupportMAC Address Learning controlControl number of port-based MAC address learning controlVLAN configurationNumber of VLANs4KPort-based VLANSupport802.1q VLANsSupportMAC-based VLANSupportIP-based VLANSupportProtocol-based VLANSupportVoice VLANSupportVLAN mappingSupportQinQSupportReliability Protocol		supports up to 8 ports
MAC address table 16K MAC address table Support management Static MAC address Support. MAC Address Binding Support MAC Address Filtering Support MAC Address Filtering Control number of port-based MAC address learning control  VLAN configuration Number of VLANs 4K Port-based VLAN Support 802.1q VLANs Support MAC-based VLAN Support IP-based VLAN Support IP-based VLAN Support Voice VLAN Support Voice VLAN Support VLAN mapping Support QinQ Support Reliability Protocol	Jumbo Frame	Jumbo packets up to 12K bytes
MAC address table MAC address table MAC address table MAC address table MAC address Support  MAC Address Binding MAC Address Filtering MAC Address Learning Control  VLAN configuration  Number of VLANs Port-based VLAN Support  MAC-based VLAN Support  MAC-based VLAN Support  Protocol-based VLAN Support  VLAN Support  Voice VLAN Support  VLAN mapping Support  Support  Support  Support  VLAN mapping Support  Support  Support  Support  Support  VLAN mapping Support  Support  Support  Support  VLAN mapping Support  Support  Support  VLAN mapping Support  Support  Support  VLAN mapping Support  Support	Redundant port	Support
MAC address table management  Static MAC address Support.  MAC Address Binding Support  MAC Address Filtering Support  MAC Address Learning Control number of port-based MAC address learning control  VLAN configuration  Number of VLANs 4K  Port-based VLAN Support  802.1q VLANs Support  MAC-based VLAN Support  IP-based VLAN Support  Protocol-based VLAN Support  Voice VLAN Support  VLAN mapping Support  Reliability Protocol	MAC configuration	
managementSupport.MAC Address BindingSupportMAC Address FilteringSupportMAC Address Learning controlControl number of port-based MAC address learning controlVLAN configurationNumber of VLANs4KPort-based VLANSupport802.1q VLANsSupportMAC-based VLANSupportIP-based VLANSupportProtocol-based VLANSupportVoice VLANSupportVLAN mappingSupportQinQSupportReliability Protocol	MAC address table	16K
Static MAC address Support.  MAC Address Binding Support  MAC Address Filtering Support  MAC Address Learning Control number of port-based MAC address learning control  VLAN configuration  Number of VLANs 4K  Port-based VLAN Support  802.1q VLANs Support  MAC-based VLAN Support  IP-based VLAN Support  IP-based VLAN Support  Voice VLAN Support  VLAN mapping Support  QinQ Support  Reliability Protocol	MAC address table	Support
MAC Address Binding MAC Address Filtering  MAC Address Learning Control number of port-based MAC address learning control  VLAN configuration  Number of VLANs  Port-based VLAN  Support  MAC-based VLAN  Support  MAC-based VLAN  Support  IP-based VLAN  Support  Protocol-based VLAN  Support  Voice VLAN  VLAN mapping  QinQ  Reliability Protocol	management	
MAC Address Filtering  MAC Address Learning Control number of port-based MAC address learning control  VLAN configuration  Number of VLANs  Port-based VLAN  Support  MAC-based VLAN  Support  MAC-based VLAN  Support  MAC-based VLAN  Support  Protocol-based VLAN  Support  Voice VLAN  Voice VLAN  Valor  VLAN mapping  Support  Support  Support	Static MAC address	Support.
MAC Address Learning Control number of port-based MAC address learning control  VLAN configuration  Number of VLANs 4K  Port-based VLAN Support  802.1q VLANs Support  MAC-based VLAN Support  IP-based VLAN Support  Protocol-based VLAN Support  Voice VLAN Support  Voice VLAN Support  VLAN mapping Support  QinQ Support  Reliability Protocol	MAC Address Binding	Support
Control  VLAN configuration  Number of VLANs	MAC Address Filtering	Support
VLAN configurationNumber of VLANs4KPort-based VLANSupport802.1q VLANsSupportMAC-based VLANSupportIP-based VLANSupportProtocol-based VLANSupportVoice VLANSupportVLAN mappingSupportQinQSupportReliability Protocol	MAC Address Learning	Control number of port-based MAC address learning
Number of VLANs 4K  Port-based VLAN Support  802.1q VLANs Support  MAC-based VLAN Support  IP-based VLAN Support  Protocol-based VLAN Support  Voice VLAN Support  VLAN mapping Support  QinQ Support  Reliability Protocol	control	
Port-based VLAN Support  802.1q VLANs Support  MAC-based VLAN Support  IP-based VLAN Support  Protocol-based VLAN Support  Voice VLAN Support  VLAN mapping Support  QinQ Support  Reliability Protocol	VLAN configuration	
802.1q VLANs Support  MAC-based VLAN Support  IP-based VLAN Support  Protocol-based VLAN Support  Voice VLAN Support  VLAN mapping Support  QinQ Support  Reliability Protocol	Number of VLANs	4K
MAC-based VLAN Support  IP-based VLAN Support  Protocol-based VLAN Support  Voice VLAN Support  VLAN mapping Support  QinQ Support  Reliability Protocol	Port-based VLAN	Support
IP-based VLAN Support Protocol-based VLAN Support Voice VLAN Support VLAN mapping Support QinQ Support Reliability Protocol	802.1q VLANs	Support
Protocol-based VLAN Support  Voice VLAN Support  VLAN mapping Support  QinQ Support  Reliability Protocol	MAC-based VLAN	Support
Voice VLAN Support VLAN mapping Support QinQ Support Reliability Protocol	IP-based VLAN	Support
VLAN mapping Support QinQ Support Reliability Protocol	Protocol-based VLAN	Support
QinQ Support  Reliability Protocol	Voice VLAN	Support
Reliability Protocol	VLAN mapping	Support
	QinQ	Support
Spanning Tree Protocol Support STP/RSTP/MSTP	Reliability Protocol	
	Spanning Tree Protocol	Support STP/RSTP/MSTP

ERPS Protocol	Support G.8032/Y.1344
LLDP	Support LLDP&LLDP-MED
UDLP Protocol	Fully compatible with CISCO's UDLD protocol
routing	,
ARP	Support static and dynamic ARP
Static routing	Support
VLAN interface	Support 32 VLAN interfaces
L3 routing protocol	- Capper Coll 12 III III III III III III III III III
RIP	Support RIP v1/v2
OSPF	Support OSPF v2
Policy routing	Support
VRRP	Support
Multicast functions and p	• •
Static multicast MAC	Support
address	
IGMP SNOOPING	Support IGMP SNOOPING v1/v2/v3
MVR	Support
GMRP	Support
ACL access control list	- ''
ACL based on standard IP	Support
ACL based on extended IP	Support
ACL based on MAC IP	Support
ACL based on MAC ARP	Support
ACL port filtering	Support
ACL based on time	Support
QoS	
Number of port queues	8
queue scheduling	Support WRR, SP
algorithms	
Classification based on port	Support
Classification based on	Support
802.1p	
Classification based on	Support
DSCP	
Classification based on ACL	Support
QoS policy	Supports mapping of different data streams to
	different queues
	Support data stream to modify COS or DSCP value
	Support the speed limit of data stream
	Support data stream statistics
	Support data stream mirroring
DHCP	
DHCP Client	Support

DUCD C :		
DHCP Snooping		Support
DHCP Relay		Support
DHCP Server		Support
DHCP option 82		Support
Security		
ACL		Support Standard IP / Extend IP / MAC IP / ARP
Security Features		Support MAC-based 802.1X authentication
		Support AAA/RADIUS authentication
		Support WEB/Telnet password protection
Self-protection		Support CPU Self-protection.
Management		
CLI		Support CLI (Commend Line Interface) configuration
		mode
Console		Support Configuration via the console port
Telnet		Support Local/remote configuration via Telnet
WEB		Support WEB management system
SNMP		Support System configuration with SNMP v1/v2c
User Management		Support Multi-user management
System Log		Support
Configuration	File	Support Download/Upload configuration File via
Download/Upload		WEB/TFTP/USB
Upgrade Firmware		Support Upgrade Firmware via WEB/TFTP
Debug		
PING	Support	
TRACEROUTE	Sup	port
Telnet client	Support	

# **Order Information**

POE-7328-24T-400W	24 Gigabit RJ-45+4 10Gigabit SFP+ ports Managed Switch
	with 24 PoE injector (370W) (1-4bt,5-24at)