

## **POE-64226T-10XG**

L2 Managed Gigabit Ethernet Switch with PoE



## **Description**

The POE-64226T-10XG is a new generation Ethernet intelligent access switch. It is mainly deployed on the IP MAN and intranets, meeting requirements the requirements of carrying various Ethernet services and accessing the Ethernet. It also provides the PoE function for powering of wireless LAN (WLAN) access points, IP security cameras, VoIP telephone and other low port density installations.

The POE-64226T-10XG is a case-shaped device with a chassis of 1U high. It provides 24 10/100/1000Base-TX ports + 4x10Gbps SFP ports. It provides 8/16/24 PoE.

## **Features**

IEEE802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3af, IEEE802.3at

Provides 24 10/100/1000 Base-TX ports + 4x10Gbps SFP ports

Provides 8/16/24 PoE injector

Build-in power supplies, optional 150W / 270W / 330W / 450W

High back-plane bandwidth 128Gbps

Support MLD Snooping

Support standard IP/ Extend IP / MAC IP / ARP ACL

Support IGMP snooping for Multi-media application

Support Port mirror and bandwidth control

Support IEEE802.3x Flow control

Support Port Based VLAN / 802.1Q Tag VLAN

Support IEEE802.3ad Port trunk with LACP

Support Spanning tree protocol IEEE802.1d/802.1w/802.1s

Support IEEE 802.1p class of service

Support IEEE 802.1x user authentication  
 Support Broadcast storm filter  
 Support System event log  
 Support command line interface management  
 Management by Web / SNMP / SSH / Telnet / Console  
 Support Broadcast storm filter  
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## Specifications

<b>Attributes</b>	
<b>Networking Interfaces</b>	<b>Networking Interfaces</b>
<b>Management Interface</b>	<b>Management Interface</b>
<b>LED Indicators</b>	<b>LED Indicators</b>
<b>Performance</b>	
<b>Switching Capacity</b>	<b>Switching Capacity</b>
<b>Forwarding Capacity</b>	<b>Forwarding Capacity</b>
<b>Forwarding Mode</b>	<b>Forwarding Mode</b>
<b>Packet Buffer Memory</b>	<b>Packet Buffer Memory</b>
<b>RAM for CPU</b>	<b>RAM for CPU</b>
<b>Flash Memory</b>	<b>Flash Memory</b>
<b>MAC Address Table</b>	<b>MAC Address Table</b>
<b>Max. Jumbo Frame size</b>	<b>Max. Jumbo Frame size</b>
<b>VLAN Quantity</b>	<b>VLAN Quantity</b>
<b>ACL Table</b>	<b>ACL Table</b>
<b>L3 Interface</b>	<b>L3 Interface</b>
<b>Port Queues</b>	<b>Port Queues</b>
<b>PoE Budget</b>	<b>PoE Budget</b>
<b>Physical</b>	
<b>Dimensions</b>	<b>Dimensions</b>
<b>Weight</b>	<b>Weight</b>
<b>Operating Temperature</b>	<b>Operating Temperature</b>
<b>Storage Temperature</b>	<b>Storage Temperature</b>

<b>Operating Humidity</b>	<b>Operating Humidity</b>
<b>Power Method</b>	<b>Power Method</b>
<b>Max. Power Consumption</b>	<b>Max. Power Consumption</b>
<b>EMC Safety</b>	<b>EMC Safety</b>
<b>Reliability</b>	<b>Reliability</b>
<b>Power</b>	
<b>PoE Interfaces</b>	<b>PoE Interfaces</b>
<b>PoE Standard</b>	<b>PoE Standard</b>
<b>Max. PoE Wattage per Port</b>	<b>Max. PoE Wattage per Port</b>
<b>PoE Voltage</b>	<b>52VDC</b>
<b>PoE Pin Assignment</b>	<b>V- (RJ45 Pin1,2), V+ (RJ45 Pin 3,6)</b>
<b>PoE Management</b>	<b>Port-base PoE status view and control</b>
<b>Port Configuration</b>	
<b>Enable and Disable</b>	Support control enable and disable
<b>Auto-Negotiation</b>	Support force port mode and speed
<b>Flow Control</b>	Support IEEE802.3x full-duplex Support half-duplex backpressure
<b>Storm Control</b>	Support broadcast, multicast and DLF package rate limit
<b>Port Mirroring</b>	Support many to one mirroring
<b>Rate Limit</b>	Support Port input and output rate limit
<b>Link Aggregation</b>	Support manual Link Aggregation Support LACP Up to 8 maximum aggregation groups, each containing up to 8 ports
<b>Aggregation Strategy</b>	Source MAC / Destination MAC / Source Destination MAC Source IP / Destination IP / Source Destination IP
<b>Port Protection</b>	Each port can be configured into isolated protected port from each other
<b>MAC Configuration</b>	
<b>MAC Address Table Management</b>	Support
<b>Transfer Mode</b>	Support IVL transfer mode
<b>Static MAC Address</b>	Support
<b>MAC Binding</b>	Support
<b>MAC Address Filter</b>	Support

<b>MAC Limitation</b>	<b>Quantity</b>	Support limit the number of MAC-addresses Learning per port
<b>VLAN Configuration</b>		
<b>VLAN Based on 802.1Q</b>		Support
<b>MAC-Based VLAN</b>		Support
<b>IP-Based VLAN</b>		Support
<b>Protocol-Based VLAN</b>		Support
<b>Guest VLAN</b>		Support
<b>Private VLAN</b>		Support
<b>Reliability Protocol</b>		
<b>Spanning Tree</b>		Support STP/RSTP/MSTP
<b>BPDU Guard</b>		Support
<b>BPDU Filter</b>		Support
<b>Port Loop Detection</b>		Support
<b>EAPS Protocol</b>		Support RFC3619
<b>LLDP Protocol</b>		Support LLDP and LLDP-MED
<b>UDLD Protocol</b>		Totally compatible with UDLD protocol of CISCO
<b>Host</b>		
<b>Static ARP</b>		Support
<b>Static Routing</b>		Support
<b>Multicast</b>		
<b>Static Multicast MAC Address</b>		Support
<b>IGMP SNOOPING</b>		Support
<b>MVR</b>		Support
<b>GMRP</b>		Support
<b>Access</b>		
<b>Based on Standard IP</b>		Support
<b>Based on Extend IP</b>		Support
<b>Based on MAC IP</b>		Support
<b>Based on MAC ARP</b>		Support
<b>Based on time</b>		Support

<b>Port Filtering</b>	Support
<b>Quality</b>	
<b>Scheduling Mode</b>	Support WRR, SP, WFQ
<b>Sorting Based on Port</b>	Support
<b>Sorting Based on 802.1p</b>	Support
<b>Sorting Based on DSCP(DiffServ)</b>	Support
<b>Security</b>	
<b>Administrative Security</b>	Support start and end TELNET, WEB and SNMP serve Support TELNET, WEB and SNMP serve binding with Standard IP ACL Support control the number of user for TELNET
<b>CPU Protect</b>	Switch self-security protect, forbid flow attack
<b>IP-MAC Address Binding</b>	Support binding between static configuration IP, MAC and Port
<b>AAA</b>	Support 802.1x protocol Support RADIUS protocol Support RADIUS server authentication authorization and bill Support MAC-based 802.1X authentication. Support 802.1x guest VLAN
<b>DHCP SNOOPING</b>	Support dynamic ARP binding to prevent ARP spoofing Support dynamic IP, MAC port binding Support stationary port connect to DHCP server, to prevent privately connect to DHCP sever
<b>Prevent ARP Spoofing</b>	Support manual configure ACL rule based on MAC ARP prevent ARP spoofing Support DHCP SNOOPING function, switch dynamically binding ARP and port, when the DHCP get IP address, to prevent ARP spoofing
<b>Management Feature</b>	
<b>CLI Management</b>	Support serial port management Support TELNET management Support SSH management
<b>WEB Management</b>	Support
<b>SNMP Management</b>	Support SNMP protocol Support SNMP TRAP Support standard and private MIB
<b>User management</b>	Support multi-user management
<b>Show CPU Utilization</b>	Support

Show RAM Utilization	Support
Log Management	Support
Configuration Download / Upload	Support
Upgrade Firmware	Support
Timer Management	Support local timer management Support SNTP protocol get clock
<b>Debugging Tools</b>	
PING	Support
TRACEROUTE	Support
TELNET Client	Support
<b>Package List</b>	
PoE Switch	1pcs
User Manual	1pcs
Power Cord	1pcs
DB9 to RJ45 Cable	1pcs
Rack Mount Kit	2pcs
Rubber Feet	4pcs

## Order Information

POE-64226T-10XG	L2 Managed Gigabit 24 Ports Poe Switch
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817 S Lemon Ave

Walnut, CA 91789 U.S.A.

Phone: 626.964.7873 Fax: 626.964.7880

<http://www.unicomlink.com> e-mail: [info@unicomlink.com](mailto:info@unicomlink.com)

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