POE-64226T-4XG

Global Systems Solutions

UNIC☉M™

L2 Managed Gigabit Ethernet Switch with PoE Injector

Description

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

Features

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

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

Provides 8/16/24 PoE injector

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

High back-plane bandwidth 56Gbps

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

Specifications

Attributes	
Networking Interfaces	24 x 10/100/1000 Mbps RJ45 Ethernet Ports 4 x 1 Gbps SFP Ethernet Ports
Management Interface	Console
LED Indicators	Power, Link/Act, PoE
Performance	
Switching Capacity	56 Gbps
Forwarding Capacity	41.7 Mpps
Forwarding Mode	Store and Forward
Packet Buffer Memory	12 Mbit
RAM for CPU	1G Mbit
Flash Memory	128 Mbit
MAC Address Table	16K
Max. Jumbo Frame size	16K
VLAN Quantity	4K
ACL Table	512
L3 Interface	32
Port Queues	8
PoE Budget	130W / 250W / 310W / 430W
Physical	
Dimensions	440 x 200 x 44 mm
Weight	4.5KG
Operating Temperature	0 to 40℃
Storage Temperature	-10 to 70℃
Operating Humidity	5 to 95% Noncondensing
Power Method	100-240VAC, 50/60Hz

Max. Power Consumption	Including PoE Output: 150W / 270W / 330W / 450W Excluding PoE Output: 20W
EMC Safety	FCC, CE, RoHS
Reliability	

Power over Ethernet

PoE Interfaces	Ports 1-24
PoE Standard	IEEE802.3af, IEEE802.3at
Max. PoE Wattage per Port	30W
PoE Voltage	52VDC
PoE Pin Assignment	V- (RJ45 Pin1,2), V+ (RJ45 Pin 3,6)
PoE Management	Port-base PoE status view and control

Port Configuration

Enable and Disable	Support control enable and disable
Auto-Negotiation	Support force port mode and speed
Flow Control	Support IEEE802.3x full-duplex Support half-duplex backpressure
Storm Control	Support broadcast, multicast and DLF package rate limit
Port Mirroring	Support many to one mirroring
Rate Limit	Support Port input and output rate limit
Link Aggregation	Support manual Link Aggregation Support LACP Up to 8 maximum aggregation groups, each containing up to 8 ports
Aggregation Strategy	Source MAC / Destination MAC / Source Destination MAC Source IP / Destination IP / Source Destination IP
Port Protection	Each port can be configured into isolated protected port from each other

MAC Configuration

MAC Address Table Management	Support
Transfer Mode	Support IVL transfer mode
Static MAC Address	Support
MAC Binding	Support
MAC Address Filter	Support
MAC Quantity Limitation	Support limit the number of MAC-addresses Learning per port

VLAN Configuration

VLAN Based on 802.1Q	Support
MAC-Based VLAN	Support
IP-Based VLAN	Support
Protocol-Based VLAN	Support
Guest VLAN	Support
Private VLAN	Support

Reliability Protocol

Spanning Tree	Support STP/RSTP/MSTP
BPDU Guard	Support
BPDU Filter	Support
Port Loop Detection	Support
EAPS Protocol	Support RFC3619
LLDP Protocol	Support LLDP and LLDP-MED
UDLD Protocol	Totally compatible with UDLD protocol of CISCO

Host Routing

Static ARP	Support
Static Routing	Support

Multicast

Static Multicast MAC Address	Support
IGMP SNOOPING	Support
MVR	Support
GMRP	Support

Access Control List (ACL)

Based on Standard IP	Support
Based on Extend IP	Support
Based on MAC IP	Support
Based on MAC ARP	Support
Based on time	Support
Port Filtering	Support

Quality of Service (QOS)

Scheduling Mode	Support WRR, SP, WFQ
Sorting Based on Port	Support
Sorting Based on 802.1p	Support
Sorting Based on DSCP(DiffServ)	Support

Security

Administrative Security	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
CPU Protect	Switch self-security protect, forbid flow attack
IP-MAC Address Binding	Support binding between static configuration IP, MAC and Port
AAA	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
DHCP SNOOPING	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
Prevent ARP Spoofing	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

Management Feature

CLI Management	Support serial port management Support TELNET management Support SSH management
WEB Management	Support
SNMP Management	Support SNMP protocol Support SNMP TRAP Support standard and private MIB
User management	Support multi-user management
Show CPU Utilization	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

Debugging Tools

PING	Support
TRACEROUTE	Support
TELNET Client	Support

Package List

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-4XG	ports Unmanaged Ethernet Switch

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