



LANBASED L-EWG-6526XS -B

- 24-Port Gigabit Copper + 2-port 10G SFP+
- 2-port 10G SFP+ for Stacking
- 1G SFP/10G SFP+ Available
- Stack up to 16 switches into one single switch
- 802.3az Energy Efficient Ethernet
- 128G Non-Blocking Switching Capability
- Layer 2+ Full Managed Software Features
- 4K VLAN, 8 queues QoS, Advanced VLANs
- MSTP, LACP, LLDP, sFlow,
- 802.1X, RADIUS, TACAS+, ACL
- IPv6, IPv4/v6 Multicast Filtering
- DHCP Server/Relay/Snooping
- Voice VLAN

24-Port 10/100/1000Base-T + 2-Port 10G SFP+ Layer 2+ Stackable Full Management Ethernet Switch

Introduction

The switch is 24-port 10/100/1000Base-T + 2 10G SFP+ for Stacking + 2 10G SFP+ Open Slot Rack-mount L2+ Full Management Network Switch that is designed for medium or large network environment to strengthen its network connection. The switch supports 128G non-blocking switch fabric, the 24 gigabit ports and 2 10G ports can transmit and receive data traffic without any lost. The EEE feature reduces the power consumption when there is no traffic forwarding even port is still connected. The 10G uplink port design is available and important for high bandwidth uplink request when cascaded with other switch. The switch also supports Layer 2+ full management software features. These features are powerful to provide network control, management, monitor and security feature requests. Including rack-mount brackets, the 19" size fits into your rack environment. It is a superb choice to boost your network with better performance and efficiency.

2 10 Gigabit SFP+ Open Slots

The switch equips with 2 10G SFP+ open slots as the uplink ports, the 10G uplink design provides an excellent solution for expanding your network from 1G to 10G. By 10G speed, this product provides high flexibility and high bandwidth connectivity to another 10G switch or the Servers, Workstations and other attached devices which support 10G interface. The user can also aggregate the 10G ports as Trunk group to enlarge the bandwidth.

Stacking Features

The switches include a stacking feature by using 2 SFP+ ports that allows multiple switches to operate as a single unit. A single switch in the stack can manages all the units in the stack and uses a single IP address which allows the user to manage every port in the stack from this one address. These stacks can include up to 16 switches, or total 384 gigabit ports plus 32 ports 10G in a switch

Full Layer 2 Management Features

The switch includes full Layer 2+ Management features. The software set includes up to 4K 802.1Q VLAN and advanced Protocol VLAN, Private VLAN, MVR...features. There are 8 physical queues Quality of Service, IPv4/v6 Multicast filtering, Rapid Spanning Tree protocol to avoid network loop, Multiple Spanning Tree Protocol to integrate VLAN and Spanning Tree, LACP, LLDP; sFlow, port mirroring, cable diagnostic and advanced Network Security features. It also provides Console CLI for out of band management and SNMP, Web GUI for in band Management.

Advanced Security

The switch supports advanced security features. For switch management, there are secured HTTPS and SSH, the login password, configuration packets are secured. The port binding allows to bind specific MAC address to the port, only the MAC has the privilege to access the network. The 802.1X port based Access Control, every user should be authorized first when they want to access the network. AAA is the short of the Authentication, Authorization and Accounting with RADIUS, TACAS+ server. Layer 2+ Access Control List allows user to define the access privilege based on IP, MAC, Port number...etc.

Product Specification

Interface		
10/100/1000 Base RJ45 Ports		24
10G Uplink SFP+ Slot		2
10G Stacking SFP+ Slot		2
Console Port for CLI Management		1
System Performance		
Packet Buffer		32Mb
MAC Address Table Size		32K
Switching Capacity		128Gbps
Forwarding Rate		95.24Mpps
Max. Stacking Units		16
L2 Features		
Auto-negotiation		•
Auto MDI/MDIX		•
Flow Control (duplex)	802.3x (Full)	•
	Back-Pressure (Half)	•
Spanning Tree	IEEE 802.1D (STP)	•
	IEEE 802.1w (RSTP)	•
	IEEE 802.1s (MSTP)	•
VLAN	VLAN Group	4K
	Tagged Based	•
	Port-based	•
Link Aggregation	IEEE 802.3ad with LACP	•
	Static Trunk	•
	Max. LACP Link Aggregation Group	32
	Max. Port per Link Aggregation Group	8
IGMP Snooping	IGMP Snooping v1/v2/v3	Supports 1024 IGMP groups
	IGMP Static Multicast Addresses	Supports 1024 static multicast addresses
	IPv6 MLD Snooping	Supports 1024 MLD groups
	MLD Static Multicast Addresses	Supports 1024 static multicast addresses
	Querier, Immediate Leave	•
Storm Control (Broadcast/Multi-cast/Un-known Unicast)		•
Jumbo Frame Support		9.6K
QoS Features		
Number of priority queue		8 queues/port
Rate Limiting	Ingress	Yes, 1KBps/1pps
	Egress	Yes, 1KBps/1pps
DiffServ (RFC2474 Remarking)		•
Scheduling (WRR, Strict, Hybrid)		•
CoS	IEEE 802.1p	•
	IP ToS precedence, IP DSCP	•
Security		
Management System User Name/Password Protection		•
User Privilege		Set user privilege up to 15 Level
Port Security (MAC-based)		•
IEEE 802.1x Port-based Access Control		•
ACL (L2/L3/L4)		•
IP Source Guard		•
RADIUS (Authentication, Authorization, Accounting)		•
TACACS+		•
HTTP & SSL (Secure Web)		•
SSH v2.0 (Secured Telnet Session)		•
MAC/IP Filter		•
Management		
Command Line Interface (CLI)		•
Web Based Management		•
Telnet		•
Access Management Filtering		SNMP/WEB/SSH/TELNET
Firmware Upgrade via HTTP		•
Dual Firmware Images		•
Configuration Download/Upload		•
SNMP (v1/v2c/v3)		•
RMON (1,2,3,&9 groups)		•
DHCP (Client/Relay/Option82/Snooping)		•
System Event/Error Log		•
NTP/LLDP		•
Cable Diagnostics		•
IPv6 Configuration		•
Port Mirroring		One to One or Many to One

Mechanical	
Power Input	100~240VAC
Dimension (H*W*D)	44*440*220 mm
LED	Power, 10/100/1000M, SFP
LCD	LCD for Displaying Stacking ID
Operating Temperature	0~45°C
Operating Humidity	5~90% (non-condensing)
Weight	3KG
Certification	CE, FCC Class A
Standard	
IEEE 802.3 – 10BaseT	•
IEEE 802.3u - 100BaseTX	•
IEEE 802.3ab - 1000BaseT	•
IEEE 802.3z 1000BaseSX/LX	•
IEEE 802.3ae 10GBaseSR/LR	•
IEEE 802.3az - Energy Efficient Ethernet (EEE)	•
IEEE 802.3x - Flow Control	•
IEEE 802.1Q - VLAN	•
IEEE802.1v - Protocol VLAN	•
IEEE 802.1p - Class of Service	•
IEEE 802.1D - Spanning Tree	•
IEEE 802.1w - Rapid Spanning Tree	•
IEEE 802.1s - Multiple Spanning Tree	•
IEEE 802.3ad - Link Aggregation Control Protocol (LACP)	•
IEEE 802.1AB - LLDP (Link Layer Discovery Protocol)	•
IEEE 802.1X - Access Control	•