

## **L2 Manageable Giga Switch 20 x 10/100/1000Mbps + 4 SFP/TX ports**



### **High Performance**

CUS-2524 is a high performance L2 Giga managed switch with 4 Giga SFP module slots. The Giga optical fiber ports support up to 80km distances making the switch an ideal device for connecting to MAN backbone networks.

### **Flexible and Easy Maintenance**

With high performance and affordable price, CUS-2524 is considered to be a competitive Ethernet switching solution for enterprise networks. With the 4 TX/SFP ports, CUS-2524 offers flexibility to network administrators. CUS-2524's installation is plug-n-play providing easy installation on any network. Accessing the switch from a CONSOLE port, SNMP, web or Telnet makes switch configuration an easy task. CUS-2524 supports stacking through cluster technology allowing central management with a single IP address.

### **Reliable and Secure**

CUS-2524 provides network security through 802.1X port-based user authentication. With auto-detection and restraining of broadcast storms and IGMP snooping support, the switch prevents network flooding allowing bandwidth to be used by essential network applications. Port trunking (8 ports/group), 802.1p port priority, QoS L2-4 traffic classification Spanning Tree and VLAN are supported features on CUS-2524 that provide a reliable, secure and efficient network.

## Features

- 20 x 10/100/1000Mbps Auto-MDI/MDIX ports and 4 x SFP/TX combo ports
- 64Gbps switch fabric
- 80Km transfer by Giga fiber module
- Support CONSOLE, SNMP, web, Telnet management
- Port-based, tag-based and GVRP VLAN
- Broadcast and multicast storm control
- Support 802.1p, 4 priority queue per port
- Support 802.1x port-based authentication
- Support STP, RSTP, MSTP
- Support IGMP snooping

## Specifications

General Specs	
Port & Slot	20 x 10/100/1000 M RJ-45 MDI/MDI-X Self-adapting Ports 4 x SFP/TX combo ports 1 x Console Port
Switch Fabric	64 Gbps
Forwarding Rate	All wire-speed forwarding and filtering
Switching Mode	Store-and-forward
Queuing Buffer	64MB
MAC Address Table	8 K
LED Indicators	Power, system, link, activity, 10/100M
Stacking	Cluster up to 256
Power	AC 110 ~ 240 V, 47 ~ 63 Hz
Power Consumption	40W
Weight	5kg
Temperature	Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
Humidity	0 ~ 90% (no condensing)
Dimensions (L ´ W ´ H)	17.68 x 12.64 x 1.76 inches (442 x 316 x 44 mm)
L2	
VLAN	Port-based VLAN, 802.1Q tag VLAN, GVRP dynamic VLAN configuration
Active VLANs	4K, partition at will
VLAN IDs	4K
Spanning Tree	IEEE 802.1D STP, IEEE 802.1w RSTP, IEEE 802.1s MSTP
QoS	4 queues per port
Port Trunking	Up to 8 groups
Broadcast Control	Stop sending at threshold to restrict broadcast storms
Multicast Control	IGMP snooping

Security	
Security	IEEE 802.1x port-based user authentication Remote authentication through RADIUS, TACACS+ Port Security
Management	
Network Management	SNMP, RMON, Telnet, Command Line Interface (CLI) Port Mirroring
Software Upgrade	TFTP/Z-MODEM
Configuration Upload/download	TFTP/Z-MODEM

## Modules

GSFP-SX	1-port 1000BaseSX SFP Module, Multi-mode 850 nm, 550 nm
GSFP-LX-10	1-port 1000BaseLX SFP Module, Single-mode 10 km, 1310 nm
GSFP-LX-40	1-port 1000BaseLX SFP Module, Single-mode 1310 nm, 40 km
GSFP-ZX-80	1-port 1000BaseLX SFP Module, Single-mode 1550 nm, 80 km