

CSWR-0008XG-S

Web Managed Switch 8x10/100/1000M/2.5G/5G/10G RJ45



Overview

The Smart Web Switch CSWR-0008XG-S provides 8 × RJ45 ports supporting 10M/100M/1000M/2.5G/5G/10G adaptive rates. Designed as a lightweight, managed 10G Ethernet switch, it delivers high security and high performance for modern networks. Built on a new software and hardware platform, it is an ideal convergence-layer switch for office networks, campus networks, small and medium-sized enterprises, and branch offices. With a large-capacity cache, the switch ensures all ports achieve non-blocking 10G line-rate forwarding. The device can serve flexibly as a core, distribution, or access layer switch, making it a versatile choice for a wide range of commercial networking applications.

Features

- 8×10M/100M/1000M/2.5G/5G/10G adaptive RJ45 ports
- High-performance hardware and software platform
- Large buffer ensures non-blocking 10G forwarding

- Flexible for core, distribution, or access
- Lightweight web-based management
- Ideal for SMBs, campuses, and branch offices

Specifications

Model	CSWR-0008XG-S
Fixed Port	8*10M/100M/1000M/2.5G/5G/10G RJ45 port
Network Protocol	IEEE802.3u, IEEE802.3ab, IEEE802.3bz, IEEE802.3x
Processor	RTL9303 chip, integrated with MIPS-34Kc Up to 800MHz CPU
Packet Buffer	12Mbit SRAM
Jumbo Frame	up to 12KB
Bandwidth	160Gbps
Packet Forwarding	115.84Mpps
MAC Address	16K
Transmission Distance	10BASE-T: Cat3, 4, 5 UTP (≤250m) 100BASE-TX: Cat5 or later UTP (≤150m) 2500/1000BASE-TX: Cat6 or later UTP (≤150m) 5G BASE-TX: Cat6 or later UTP (≤100m) 10G BASE-X: Cat6 or later UTP (≤50m)
LED Indicator	PWR: Power LED Port: 10M/100M LED; 1G LED; 2.5G LED 5G/10G LED
Operating Temperature	-10~+55°C
Storage Temperature	-40~+75°C
Operating Humidity	5%~90% RH Non coagulation
Storage Humidity	5%~95% RH Non coagulation
Power Input	AC100 ~240V 50/60HZ Max. 0.5A
Power Consumption	Max. 35W
Product Size (L*W*H)	333*195*45mm
Packing Size (L*W*H)	410*278*95mm
N.W.	1.76kg
G.W.	2.4kg
Installation	Desktop

Lightning Protection Level	3KV 8/20us; IP30
Certificate	CE/FCC/RoHS
Software Function	
PoE Management	PoE port switch PoE protocol type configuration PoE port restart PoE log function configuration PoE port status, current, power and voltage display
System State	Support system information display Support port exception protection display Support port bandwidth usage display Support link aggregation display Support static/dynamic MAC address table display Support Chinese/English language switching
Network Configuration	Support management IP address configuration Support system time configuration
Port	Support port status, rate and flow control configuration Support port mirroring Support port exception protection (BPDU/self-ring, broadcast flooding, ACL, DHCP message speed limit, etc.) Support link 8 group aggregation Support IEEE configuration Support mega frame configuration Support port isolation configuration
VLAN	Support 4094 VLAN addresses Support 802.11Q VLAN, MTU VLAN, terminal VLAN
MAC	Support static MAC address table Support dynamic MAC address table Support MAC address transition table
Survival Tree Protocol	Support STP/RSTP/MSTP tree protocol
IGMP	Support IPv4/IPv6 multicast forwarding Support IPv4/IPv6 static routing Support IPv4/IPv6 port restrictions Support IGMP snooping V1/V2/V3
Security	Support management VLAN Support management and maintenance mode selection

QoS	Supports 8 port queues Support port priority, cos priority, 802.1p priority and DSCP priority Support port speed limit and exit queue speed limit
Equipment Diagnosis	Support log function configuration Support remote log server configuration Support ping function Support traceroute test Support electrical port test Support optical module information diagnosis
Equipment Management	Support user configuration Support web/TFTP/HTTP firmware upgrade Support profile import and export

Ordering Information

PART NO	DESCRIPTION
CSWR-0008XG-S	Web Managed Switch (Realtek) 8*10/100/1000M/2.5G/5G/10G RJ45



<https://www.lanaotek.com>



Specifications & design are subject to change without prior notice.

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