

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 (\leq 250m) 100BASE-TX: Cat5 or later UTP (\leq 150m) 2500/1000BASE-TX: Cat6 or later UTP (\leq 150m) 5G BASE-TX: Cat6 or later UTP (\leq 100m) 10G BASE-X: Cat6 or later UTP (\leq 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*45m
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	<ul style="list-style-type: none"> PoE port switch PoE protocol type configuration PoE port restart PoE log function configuration PoE port status, current, power and voltage display
System State	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Support management IP address configuration Support system time configuration
Port	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Support 4094 VLAN addresses Support 802.11Q VLAN, MTU VLAN, terminal VLAN
MAC	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Support IPv4/IPv6 multicast forwarding Support IPv4/IPv6 static routing Support IPv4/IPv6 port restrictions Support IGMP snooping V1/V2/V3
Security	<ul style="list-style-type: none"> 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
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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
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Equipment Management	Support user configuration Support web/TFTP/HTTP firmware upgrade Support profile import and export
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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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