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AXCSM-16GE+4CMB-PR

**16-Port 10/100/1000 Mbps L2 Managed PoE Switch
With 4 Combo Uplink Ports**



This Smart Managed PoE switch is specially designed to meet the demand of PoE power supply, which adopts new generation of high-performance hardware and software platform to provide flexible and cost effective-full gigabit access and uplink ports, support complete security protection mechanism, perfect QoS policy and flexible VLAN function, easy to manage and maintain, and meet the user's demand for easy network equipment management, high security and low cost networking.

Features



Safe Reliance
High Stability



PoE & L2 Management Latest
Features at your Fingertips

Applications

- Educational Campus
- Hotel Networks
- Corporate Networks
- Enterprise Campus Network Access
- Network Convergence
- Various other application Scenarios



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Hardware Specifications

Model	AXCSM-16GE+4CMB-PR
Product Description	16-Port 10/100/1000 Mbps L2 Managed PoE Switch With 4 COMBO Uplink Ports
Support Criteria	IEEE 802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at, CSMA/CD, TCP/IP
Port	24*10/100/1000Mbps Adaptive ports, Supports PoE function, 4*10/100/1000Mbps Combo ports, 1*Console port
Basic Function	Compatible with IEEE 802.3AF/AT compliant Powered Devices (PD), Port power priority feature, Wire-speed forwarding, MAC self-learning and aging, IEEE802.3X Full-duplex and back pressure for half-duplex mode
Backplane Capacity	56 Gbps
MAC Addresses List	8K
Packet Forwarding Ratez	41.66 Mpps
Package Cache	4MB
VLAN Table	4K
Jumbo Frame	9.6K
Forwarding Method	Store and Forward
Forwarding Rate	10BASE-T: 14880PPS/port 100BASE-T: 148800PPS/port 1000BASE-T: 1488000PPS/port
LED Indicator	Mains Power, SYS, Link/Act : 10/100/1000Mbps, PoE
Environment	Operating Temperature : -10°C to 55°C
Power	Built-in power base board; Input : 110-240V, 50/60HZ; Total Power Budget : ≤250W
Overload Current Protection	Present - Anti Thunder
Weight	4.2Kg.
Dimensions	440mm × 285mm × 55mm (L×W×H)
Warranty	3 years
ISO	Manufactured in ISO 9001:2015 facility
Safety	ROHS

Management Functions

CLI	Support serial port command line management
TELNET	Support telnet remote management
SSH	Support SSHV 1/2 remote management
SNMP	Support V 1/2/3, Support trap : Cold Start, Warm Start, Link Down and Link Up
Web	Support two levels of settings, two or three levels of view
RMON	Support RMONV1
PoE Configuration	PoE configuration, PoE scheduling management, etc.

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Software Specifications

Port Management	Enable/Disable port, Speed, duplex, MTU setting, Flow-control setting, Port information view
Port Mirroring	Support port and aggregation group access direction
Port Speed Limiting	Support port speed limit, the granularity of the speed limit is determined by the chip
Port Isolation	Support port isolation setting
Storm Control	Support location unicast, unknown multicast, broadcast storm control
Link Aggregation	Support static manual aggregation, support VLACP dynamic aggregation Access / Trunk / Hybrid, Support VLAN division based on port, protocol and MAC, support QinQ, Support GVRP dynamic VLAN registration, Voice VLAN (support required)
VLAN	Support static add & delete, MAC address learning quantity limit, Support dynamic aging time setting
MAC	Support static add & delete, MAC address learning quantity limit, Support dynamic aging time setting
Spanning Tree	Support 802.1d (STP), Support IGMP snooping, Support 802.1s (MSTP)
Multicasting	Support static add & delete, Support IGMP-snooping, Support MLD-snooping, Support V1/2/3 dynamic multicast snooping
DDM	Support SFP / SFP+DDM
ACL	Based on source MAC, destination MAC, protocol type, source IP, destination IP, L4 port number
QOS	Classification based on 802.1p (COS); Classification based on DSCP; Classification based on source IP, Destination IP, Port number; Support for SP, WRR scheduling policies; Support traffic speed limit CAR
LLDP	Support LLDP link discovery protocol
User Setting	Add/Remove Users
Log	User login, operation, status, event record log
Anti-Attack	DOS Defense, Support for CPU protection, limiting the rate of upgoing CPU messages, ARP binding (IP, MAC, PORT binding)
Certification	Support 802.1X port authentication; support AAA authentication
Network Diagnosis	Support ping, telnet, trace
System Administration	Device reset, configuration save/revert, upgrade management, time setting, etc.

**Warranty will be subject to T&C specified in the Axivo product warranty page on the website.
Specifications are subject to change without notice.

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