

CP-ANW-GPM24F4-N40-L3

24 Port Gigabit + 4 Port Gigabit SFP Layer 3 Managed PoE Switch

- Supports IEEE 802.3i, 802.3u, 802.3ab, 802.3z, 802.3x , 802.3az, 802.3at, 802.3af
- 24 x Gigabit PoE Ports and 4 x Gigabit SFP
- Supports MAC address auto-learning and auto-aging
- Store and forward mode operates
- Supports PoE power up to 30W for each PoE port, and 380W PoE budget
- LED indicators for monitoring power, link/activity.
- Supports QoS, port mirroring, link aggregation protocol.
- 19 inches full metal iron shell and internal power adapter design, suitable for rack installation



System Overview

As most of the CP PLUS products have been integrated with the Power of Ethernet technology which makes troubleshooting easier in case any errors occur. This can be done with the help of a PoE Switch makes increases reliability rapidly.

Functions

LED Indicator

LED lights have been installed in this Ethernet PoE Switch to work as indicators for you to realize simple work statement reminders and clear the troubles.



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PoE Switch

Functions

Better Connectivity

This PoE Switch has designed for outstanding power with flexible placement for better and advanced connectivity between network devices.

Switching Performance

This PoE Switch offers the forwarding capacity to simultaneously process traffic on all ports at line rate without any packet loss.

Easy to Use

This switch supports plug-and-play installation for quick device connectivity. An intuitive web-based interface enables easy configuration, monitoring, and port management. Clear LED indicators provide instant status of power, PoE, and network activity, ensuring smooth and reliable operation.

About CP PLUS

The brand that is on its way to lead the world when it comes to the security and surveillance industry, CP PLUS, keeps bombarding the market with the most reliable range of products that have been designed carefully and methodically to automate the whole surveillance and security process, no matter how big your premises are.

It was the initiative to help the public in the area where they are the most vulnerable and to empower the sense of safety in our hearts that had conceptualized CP PLUS. And embarking on its mission to make the world a safer and more secure place has taken the brand's journey to unprecedented levels even when compared to international competitors.



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24 Port Gigabit + 4 Port Gigabit SFP Layer 3 Managed PoE Switch

Feature	Specification
Network Ports	24 x 10/100/1000Mbps ports 4 x 10000Mbps SFP 1x Console port
Network Standard	IEEE 802.3i,802.3u,802.3ab,802.3x,802.3az,802.3at,802.3af
Network Media (Cable)	10Base-T: UTP category 3, 4, 5 cable (maximum 100m) 100Base-Tx: UTP category 5, 5e cable (maximum 100m) 1000Base-T: UTP category 5e, 6 cable (maximum 100m) 10GBase-R:MMF,SMF
PoE Ports	24 802.3at/af standard PoE
Switching Capacity	128Gbps
Packet Forwarding Rate	95.232Mpps
MAC Address List	16K
Packet Buffer	12Mbit
VLAN	Surveillance VLAN - 16 OUI Mode (Auto/Manual) Voice VLAN - 16 OUI Mode (Auto/Manual) QinQ (IEEE 802.1ad) - Basic GARP VLAN Registration Protocol (GVRP) 4096 Static VLAN/Port-based IEEE 802.1Q Tagged-based 8 groups Protocol-based 256 MAC-based
LEDs Indicator	Electrical port indicator, optical port indicator, power input indicator, system running indicator.

Feature	Specification
QoS	<p>Queue Scheduling - WRR, WFQ , Strict Priority , Hybrid(WRR+SP or WFQ+SP)</p> <p>Class of Service - Port-based , 802.1p , IP TOS Precedence , IP DSCP</p> <p>Rate Limit - Port-based (Ingress/Egress)</p>
Management	<p>CLI - 3 sessions Console , 3 sessions Telnet (RFC854)</p> <p>WebUI - HTTPS</p> <p>SNMP(v1,v2c,v3)</p> <p>File Management - Firmware Upgrade/Backup , Dual Images , Configuration Download/Backup ,Multiple Configurations</p> <p>Upload/Download - TFTP (RFC783) ,HTTP , UART</p> <p>Time Management - Local - SNTP</p> <p>Port Management - Friendly Port Name (Port Description) ,Error Disabled Recovery</p> <p>Line Management - Console , Telnet (RFC854) , SSH v1/v2</p> <p>DHCP - Client , DNS - Client , Software Reset Button ,IEEE (802.3az) 32 entries / type RMON Management</p>
PoE Pin Definition	1/2(+),3/6(-)
Transfer Method	Store-and-Forward
Jumbo Frame	10K Bytes
L3 Switching Features	<p>Static Routing - IPv4/IPv6</p> <p>Address Resolution Protocol (ARP) - Static ARP</p>
L2 Switching Features	<p>8K MAC Address Table</p> <p>10K (10000) Jumbo Frame</p> <p>Flow Control - 802.3x (Full-duplex) , Back-Pressure (Half-duplex)</p> <p>Spanning Tree - IEEE 802.1D (STP) , IEEE 802.1w (RSTP) , IEEE 802.1s (MSTP)/16 instances , Auto Edge Port , BPDU Filtering , ERPS</p> <p>Link Aggregation - IEEE 802.3ad LACP ,Static Trunk , Max 8 Group ,Max 8 Ports/Group , Traffic Load Balancing</p>
IPv6	<p>IPv6 Host - Auto Configuration ,Static IPv6 Address and Prefix Length , Static IPv6 Default Gateway , IPv6 Neighbor Discovery (ND) , IPv6 Duplicate Address Detection , ICMPv6</p> <p>IPv6 Application - HTTP/HTTPS -,TELNET , SSH , SNMP , TFTP , Syslog , PING , DHCPv6</p>

Feature	Specification
Multicast	<p>Common - 256 Multicast Groups , Immediate Leave , Static/Forbidden Router Port , Static/Forbidden Forward Port , 128 profiles Filtering , Throttling</p> <p>IGMP Snooping - IGMP v1/v2 ,IGMP v3 Basic (BISS) ,IGMP v2/v3 Querier</p> <p>MLD Snooping - MLD v1/v2</p> <p>Multicast VLAN Registration (MVR) - IPv4</p>
Access Control List (ACL)	<p>ACL Type - L2/L3/L4 , 512 MAC-based ,512 IPv4-based , 512 IPv6-based</p> <p>PoE Function - Power , Current , Voltage , PoE Watch Dog</p> <p>Access Rules - 1024</p>
Security	<p>AAA Authentication , 8 TACACS+ , 8 RADIUS</p> <p>Authentication Manager - IEEE 802.1X ,MAC Auth , Web Auth , Guest VLAN , Port-based , Host-based</p> <p>Account Manager - Local Authenticatoin , 8 Multiple User Account , Multi-Level Securiy (Manager/Operator) , Password Recovery Procedures</p> <p>Management Access - Management VLAN , 256Management ACL</p> <p>SSL - SSLv2 ,SSLv3 ,TLSv1</p> <p>WebUI - HTTPS</p> <p>CLI - SSH v1/v2</p> <p>Port Security - 256 Dynamic Lock</p> <p>Storm Control - Broadcast , Unknown Multicast , Unknown Unicast</p> <p>Spanning Tree - BPDU Guard</p> <p>Protected Port (Port Isolation) , Black Hole MAC , CPU Defence Engine , DoS Prevention , DHCP Snooping (with Option 82) , Dynamic ARP Inspection , 256 IP Source Guard , IP/MAC/Port Binding (IMPB) , Dynamic VLAN Assignment</p>
Discovery	<p>IEEE 802.1AB Link Layer Discovery Protocol (LLDP),</p> <p>ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED)</p>

Feature	Specification
MIB	RFC1213 MIBII (System & Interface groups) ,RFC2819 RMON I (1,2,3, & 9 groups) ,RFC1215 Generic Traps, RFC1493 Bridge ,RFC2674 Bridge MIB Extensions ,RFC2737 Entity ,RFC3635 Ethernet-Like ,RFC2863 Interface Group ,SNMP-Community-MIB, SNMPv3-MIB
Diagnostics	UDLD ,Mirroring - 4 sessions port-based (Many to One) ,Syslog (RFC3164) - Local RAM - Local Flash - 8 Remote Server ,System Diagnostics - CPU Utilization - Memory Utilization - Port Utilization - Technical Support Log ,Port Diagnostics - Cable Test - Fiber Module Status ,Network Diagnostics - Ping Test - Tracerout
Operating Temperature	0°C ~45°C (0°C~113°C)
Operating Humidity	10%~90% non-condensing
Storage Temperature	40°C ~70°C (-40°C ~158°C)
Storage Humidity	5%~95% non-condensing
Total power	400W
PoE Power	380W
Power Supply	AC100~240V 50/60Hz
Dimensions	440mm x 290mm x 44.5 mm

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