CP-ANW-GPM24G4F4-N40

24 Port Gigabit + 4 Port Gigabit SFP Layer 2 Managed PoE Switch

- Supports IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.3at, IEEE 802.3af, IEEE 802.3az
- 24 × Gigabit PoE+ RJ45 ports with 4 × Gigabit Combo (RJ45/SFP) ports
- Supports PoE power up to 30W per port with total PoE power budget of 400W
- L2+ managed switch with static routing support (IPv4/IPv6)
- Store-and-forward switching mode for reliable data transmission
- Supports VLAN, QoS, port mirroring and link aggregation (LACP)
- Advanced security features including ACL, 802.1X, DHCP Snooping and IP Source Guard
- Supports STP / RSTP / MSTP for network loop protection
- LED indicators for power, PoE status, link and activity monitoring
- 56Gbps switching capacity with 41.66Mpps packet forwarding rate
- 19-inch full metal housing with internal power supply, suitable for rack mounting

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

Higher Bandwidth

4 Gigabit SFP (Combo) Uplink Port for higher bandwidth connections. Long distance power supply with a power budget of 400 watts .

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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 2 Managed PoE Switch

Feature	Specification
Network Port	24x 10/100/1000Mbps RJ45 ports 4x 1000Mbps SFP fiber ports 4x 1000Mbps RJ45 combo ports 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) 1000Base-X:MMF,SMF
Transfer Method	Store-and-Forward
MAC Address Table	8K
Switching Capacity	56Gbps
Packet Forwarding Rate	41.664Mpps
Packet Buffer	4.1Mbit
Jumbo Frame	10K Bytes
PoE Ports (RJ45)	24 x PoE ports compliant with 802.3af/at
Power Pin Assignment	1/2(+),3/6(-)
Indicator	Electrical port indicator, optical port indicator, power input indicator, system running indicator
Power Budget	400W@100~260VAC, 50/60HZ
Power Supply	AC100~240V 50/60Hz
Total power	400W

Feature	Specification
Operating Temperature	0°C~45°C(0°F~113°F)
Operating Humidity	10%~90% non-condensing
Storage Temperature	-40°C~70°C(-40°F~158°F)
Storage Humidity	5%~95% non-condensing
Dimensions	440mmx290mmx44.5mm
L3 Switching Features	Static Routing IPv4/IPv6, Address Resolution Protocol Static ARP
L2 Switching Features	8K MAC Address Table 10K (10000) Jumbo Frame Flow Control: 802.3x (Full-duplex), Back-Pressure (Half-duplex) Spanning Tree: IEEE 802.1D (STP),IEEE 802.1w (RSTP),IEEE 802.1s (MSTP)/16 instances, Auto Edge Port, BPDU Filtering, ERPS
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 IEEE 802.1Q Tagged-based
Multicast	Common: 256 Multicast Groups, Immediate Leave, Static/Forbidden Router Port, Static/Forbidden Forward Port, 128 profiles Filtering, Throttling IGMP Snooping: IGMP v1/v2, IGMP v3 Basic (BISS), IGMP v2/v3 Querier MLD Snooping: MLD v1/v2 Multicast VLAN Registration (MVR): IPv4
Quality of Service (QoS)	Trusted QoS Queue Scheduling: WRR, WFQ, Strict Priority, Hybrid (WRR+SP or WFQ+SP) Class of Service: Port-based, 802.1p, IP TOS Precedence, IP DSCP Rate Limit: Port-based (Ingress/Egress)
Access Control List (ACL)	ACL Type: L2/L3/L4, 512 MAC-based, 512 IPv4-based, 512 IPv6-based PoE Function: Power, Current, Voltage, PoE Watch Dog Access Rules: 1024

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Feature	Specification
Security	AAA Authentication, 8 TACACS+ Authentication Manager: IEEE 802.1X, MAC Auth, Web Auth, Guest VLAN, Port-based, Host-based, 8 RADIUS Account Manager: Local Authentication, 8 Multiple User Account, Multi-Level Securiy (Manager/Operator), Password Recovery Procedures Management Access: Management VLAN, 256Management ACL SSL: SSLv2, SSLv3, TLSv1, WebUI: HTTPS, CLI: SSH v1/v2 Port Security: 256 Dynamic Lock Storm Control: Broadcast, Unknown Multicast, Unknown Unicast Spanning Tree: BPDU Guard 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
IPv6	IPv6 Host: Auto Configuration, Static IPv6 Address and Prefix Length, Static IPv6 Default Gateway, IPv6 Neighbour Discovery (ND), IPv6 Duplicate Address Detection, ICMPv6 IPv6 Application: HTTP/HTTPS, TELNET, SSH, SNMP, TFTP, Syslog, PING, DHCPv6
Management	CLI: 3 sessions Console, 3 sessions Telnet (RFC854) WebUI: HTTPS, SNMP(v1,v2c,v3) File Management: Firmware Upgrade/Backup, Dual Images, Configuration Download/Backup, Multiple Configurations IPv6 Application: HTTP/HTTPS, TELNET, SSH, SNMP, TFTP, Syslog, PING, DHCPv6 Management, Upload/Download: TFTP (RFC783), HTTP, UART, Time Management: Local, SNTP, Port Management: Friendly Port Name (Port Description), Error Disabled Recovery, Line Management: Console, Telnet (RFC854), SSH v1/v2, DHCP: Client, DNS: Client Software Reset Button, IEEE (802.3az), 32 entries / type RMON Management
Discovery	IEEE 802.1AB Link Layer Discovery Protocol (LLDP) ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED)
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, Network Diagnostics: Ping Test, Traceroute

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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

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