

# CHSW-3216GP-GC4



CHSW-3216GP-GC4 is a new generation Power over Ethernet Managed switch with 24-Port 10/100/1000Base-TX and 4-Port Combo Gigabit (TP+SFP) that provide stable and reliable Ethernet transmission offered by Chimera, with high quality design and reliability. It is positioning in the broadband network market, to offer and realize Ethernet data exchange, convergence and long-distance optical transmission with efficient bandwidth and reliable fiber optic network solutions for users.

## Key Features



- 24x10/100/1000Base-TX, 4xCombo Gigabit (TP+SFP)/ 24xPoE
- Support Auto-MDIX, and full/half duplex self-negotiation mode
- Provide SC/FC/ST/LC interface fiber port, support single/dual fiber transmission
- Support 10K bytes giant frame, compatible with various extension protocol
- 8K MAC address table
- Support IEEE802.3az energy efficient Ethernet technology
- Support IPv6 Protocol
- Electric 4KV surge protection
- Complete status indicator, working state at a glance
- 1U rack-mount type

## Specification



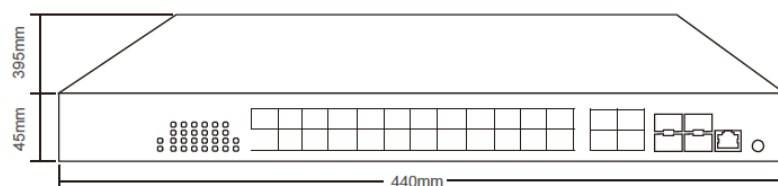
Physical Port	
RJ45 Port and Speed	24x10/100/1000Base-TX
Fiber Port and Speed	4xCombo Gigabit (TP+SFP)
Parameters	
Ethernet Standards	IEEE802.3 IEEE802.3u IEEE802.3z IEEE802.3ab IEEE802.3x IEEE802.3az IEEE802.3Qad IEEE802.3ah IEEE802.1X IEEE802.1Q IEEE1588
Packet Buffer	4M
Maximum Packet Length	Up to 10K
MAC Address Table	8K
Transmission Mode	Store and Forward (Full/Half Duplex Mode)
Exchange Property	Delay Time: < 7μs Backplane Bandwidth: 56Gbps; Packet Forwarding Rate: 29.76Mpps
PoE	
PoE Standard	24x IEEE 802.3af / IEEE 802.3at PoE
Power Budget	Max. PoE output power budget 30W

European Standards | Best Performance & Guaranteed Reliability | Lifetime Warranty | Fully Compliant With MSA

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LED Indicator	
Power	Connect-always
RJ45 Link/Act:	Connect-Always; Data Exchange-Twinkle
Fiber Link/Act:	Connect-Always; Data Exchange-Twinkle
Power Information	
Redundant Power Input	AC 100-240V 50/60Hz
Power Consumption	Full-Load<15W (PoE Max 350W)
Physical Property	
Enclosure	Metal
Dimensions	440mm x 395mm x 45mm (L x W x H)
Weight	3.55kg (With PoE: 3.6kg)
Working Environment	
Operating Temperature	0°C~50°C
Operating Humidity	5%~90% Non-Condensing
Storage Temperature	-10°C~70°C
Warranty	
MTBF	500,000 Hours
Defects Liability Period	2 year warranty, lifetime technical support
Certification Standard	
EMC	FCC Part15 Class A CE-EMC/LVD RoHS EN61000-4-2 (ESD), EN61000-4-3 (RS) EN61000-4-4 (EFT), EN61000-4-5 (Surge) EN61000-4-6 (CS), EN61000-4-8 EN61000-4-11
Vibration	IEC60068-2-6

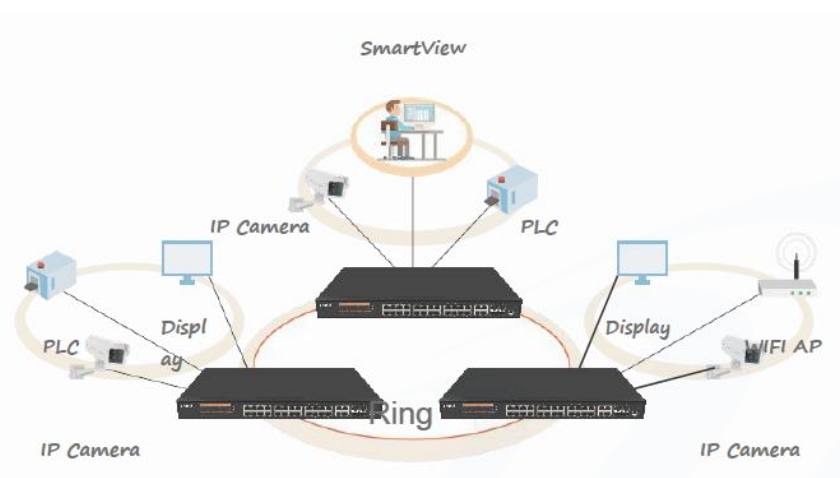
## Dimensions



## Specification

Software Features
Redundant network: STP, RSTP, MSTP, IT-T G.8032 Ethernet Ring Protection Switching (ERPS) for redundant cabling
ERPS/ Ring for Redundant Cabling, recovery time<20ms in 250 devices
Multicast: IGMP snooping V1/V2/V3
VLAN: IEEE 802.1Q 4K VLAN, GVRP, GMRP, QINQ
Link Aggregation: Dynamic IEEE 802.3ad LACP Link Aggregation, Static Link Aggregation
Management Function: CLI, Web based management, SNMP v1/v2c/v3, Telnet/SSH server for management
Diagnostic Maintenance: Port mirroring, Ping
Alarm management: 1 way relay alarm output, RMON, SNMP Trap
RMON, MIB II, Port mirroring, Event syslog, DNS, SNTP, IEEE 802.1ab LLDP
Security: DHCP Server/Client/Relay option 82/Snooping User hierarchical management
Flexibility security: Port based and MAC based IEEE 802.1X, ACL, HTTP/HTTPS, SSL/SSH v2
Data control Port-based ingress/egress speed limit, Full duplex IEEE 802.3x, half duplex back-pressure flow control.
Broadcast storm suppression, Unknown-Multicast suppression and Unknown-Unicast suppression
Software upgrade via HTTP, redundant firmware to avoid upgrade failure

## Application



## Specification models

Model Number	Port Description
CHSW-3216GP-GC4	PoE Switch, Managed, 16 x 10/100/1000M Base-TX + 2 x Combo Gigabit (TP+SFP) / 16xPoE

\*Switch does not include SFP modules

## Packing List

PACKING LIST	CONTENT	QTY	UNIT
	16 x 10/100/1000M Base-TX+	1	SET
	2 x Combo Gigabit (TP+SFP) / 16xPoE		
	AC Power Cable	1	PC
	RJ45-D89 Line	1	PC
	Mounting Kits (Hanging Ear)	1	SET
	User guide	1	PC
	Warranty Card	1	PC

