

CGS-1000 Series



HIGHLIGHT

- 5/ 8/ 16/ 24 1Gigabit ports
 - IEEE 802.3at PoE+ support per port 30W
 - Up to 52 Gbps switching capacity
 - 10 KByte jumbo frame
 - Non-blocking switching architecture for maximum wire-speed performance
 - Store-and-Forward forwarding method
 - Fanless or Smart fan design
 - Supports IEEE 802.3az Energy Efficient Ethernet
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PRODUCT SPECIFICATIONS

Hardware Specifications				
Model Name	CGS-1005P-31	CGS-1008P-123	CGS-1016I	CGS-1016PI-246
Interfaces				
10/100/1000BASE-T	5	8	16	16
100BASE-FX, 1000BASE-X	—	—	—	—
PoE Specifications				
PoE Port	Port 1 ~ 4	Port 1 ~ 8	—	Port 1 ~ 16
PoE Standard	IEEE 802.3at, 30W			
PoE Power Budget	31W	123W	—	246W
Performance				
Switching Capacity	10 Gbps	16 Gbps	32 Gbps	32 Gbps
MAC Address	2K	4K	8K	
Buffer Memory	1 Mbit	1.5 Mbit	4.1 Mbit	
Jumbo Frame	9 KByte		10 KByte	
Power				
Input	100 to 240 VAC, 50/60Hz			
Power Consumption	37.5W	5.3W (No PD)	10.1 W	14.9W (No PD)
Power Type	Adapter	Adapter	Internal Power	Internal Power
Green Feature				
Energy Efficiency Ethernet	Yes			
Physical Specification				
Enclosure Form Factor	Rack Mount			
Material	Metal			
Dimensions (W x D x H)	150 x 97 x 28 mm	150 x 97 x 28 mm	280 x 125 x 44 mm	440 x 210 x 44mm
Weight	0.37 Kg	0.4 Kg	1.1 Kg	3.0 Kg
Quantity of Fan	0	0	0	2
Environmental Specifications				
Operating Temperature	0 ~ 40 °C	0 ~ 45 °C	0 ~ 40 °C	
Storage Temperature	-10 ~ 70 °C			
Operating Humidity	10 ~ 90 %RH (non-condensing)			
Storage Humidity	5 ~ 90 %RH (non-condensing)			

Hardware Specifications					
Model Name	CGS-1024I	CGS-1024PI-370	CGS-1010PI-125	CGS-1018PI-240	CGS-1026PI-240
Interfaces					
10/100/1000BASE-T	24	24	8	16	24
100BASE-FX, 1000BASE-X	—	—	2	2	2
PoE Specifications					
PoE Port	—	Port 1 ~ 24	Port 1 ~ 8	Port 1 ~ 16	Port 1 ~ 24
PoE Standard	IEEE 802.3at, 30W				
PoE Power Budget	—	370W	125W	240W	240W
Performance					
Switching Capacity	48 Gbps	48 Gbps	20 Gbps	36 Gbps	52 Gbps
MAC Address	8K				
Buffer Memory	4.1 Mbit				
Jumbo Frame	10 KByte				
Power					
Input	100 to 240 VAC, 50/60Hz				
Power Consumption	13W	36W (No PD)	6.2W(PoE OFF) 148.1W(PoE ON)	24.8W(PoE OFF) 280.2W(PoE ON)	30.9W(PoE OFF) 288.6W(PoE ON)
Power Type	Internal Power	Internal Power	Internal Power	Internal Power	Internal Power
Green Feature					
Energy Efficiency Ethernet	Yes				
Physical Specification					
Enclosure Form Factor	Rack Mount				
Material	Metal				
Dimensions (W x D x H)	280 x 125 x 44 mm	440 x 210 x 44mm	330 x 180 x 44 mm	440 x 210 x 44mm	440 x 210 x 44mm
Weight	1.7 Kg	3.0 Kg	1.8 Kg	3.2 Kg	3.3 Kg
Quantity of Fan	0	2	0	2	2
Environmental Specifications					
Operating Temperature	0 ~ 40 °C	0 ~ 50 °C			
Storage Temperature	-10 ~ 70 °C				
Operating Humidity	10 ~ 90 %RH (non-condensing)				
Storage Humidity	5 ~ 90 %RH (non-condensing)				