

24- Port Gigabit Rackmount Switch

Products Description



IP-COM G1024G is 24-Port Gigabit Rackmount Switch designed for small and medium business and hotel. Compliant with 802.3az(IEEE) standard, it provides 24 10/100/1000Mbps Ethernet ports for high-speed network connectivity and adopts latest Broadcom chips. 6KV lightning protection and heat radiation performance prolong service life of device. Also, professional Ethernet technology improves network performance. Backplane bandwidth is up to 48Gbps and supports wire-speed forwarding on each port. The device is your ideal choice for Ethernet access.

Features

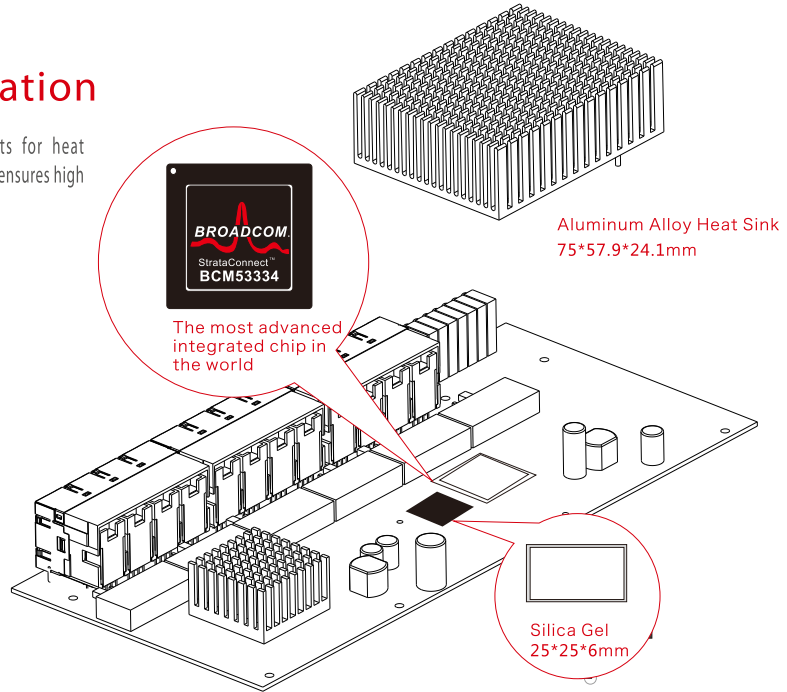
- Complies with IEEE 802.3, 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T Ethernet standard
- 24 10/100/1000Mbps Gigabit Ethernet ports
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- Hardware based 10/100Mbps, half / full duplex and 1000Mbps full duplex mode, flow control and auto-negotiation
- IEEE 802.3x flow control for full duplex operation and backpressure for half duplex operation
- Integrated address look-up engine, support 8K absolute MAC addresses
- 9K Jumbo packet support
- Automatic address learning and address aging
- Supports auto MDI/MDI-X function
- Supports CSMA / CD protocol
- 100-240V AC, 0.6A, 50/60Hz universal Power input
- FCC, CE ,RoHS

Key Features

1

Excellent Heat Dissipation

IP-COM Switch comes with high-quality components for heat dissipation in the front and back, shown in Figure 1, which ensures high reliability in the face of extreme temperature.



2

Inductive Lightning Protection

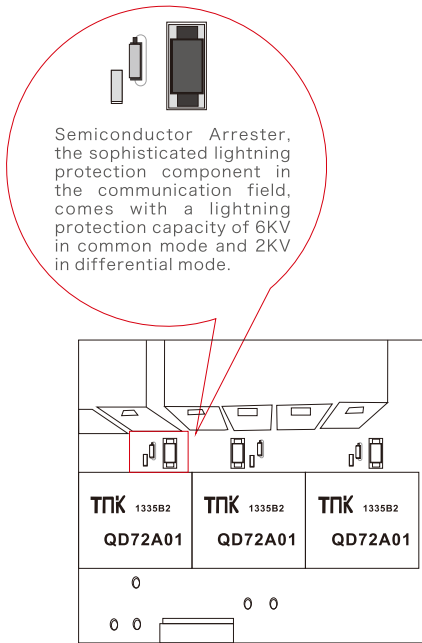


Figure 2 Inductive Lightning Protection for Ports

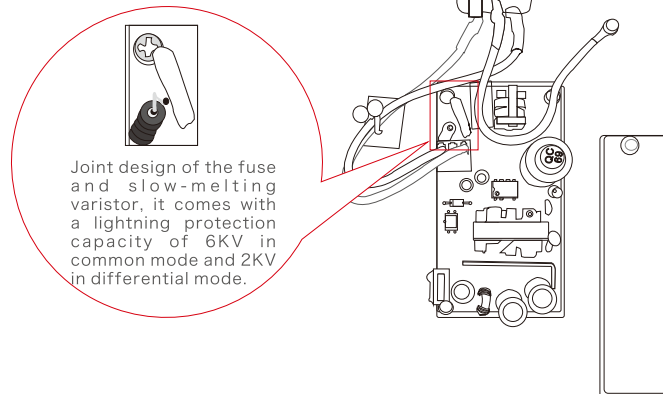


Figure 3 Inductive Lightning Protection for the Power Interface

Specification

Hardware Specification	
Hardware Version	Version 7
10/100/1000Base-T MDI/MDIX Ports	24
Throughput (packet per second)	35.7Mpps
Bandwidth/Backplane	48Gbps / non-blocking
Power Consumption / Dissipation	21 watts
Power Requirements	100-240V AC, 50/60Hz
Switch Processing Scheme	Store-and-Forward
Address Table	8K entries
Jumbo packet size	9K
Flow Control	Back pressure for half duplex, IEEE 802.3x pause of frame for full duplex
Dimensions (W x D x H)	440 x 208 x 44 mm, 1U height
Weight	2kg
Standards Conformance	
Regulation Compliance	FCC , CE , ROHS
Standards Compliance	IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.3ab (Gigabit Ethernet) IEEE 802.3x (Full-Duplex Flow Control)
Temperature	Operating: 0~50 degrees C Storage: -10~70 degrees C
Humidity	Operating: 5~95% Storage: 5~95% (Non-condensing)
Ordering Information	
G1024DV5.0	24-Port GigabitDesktop/Rackmount Switch