

## **LGB2018A 8-Port Gigabit Ethernet Switch**



### **Product Introduction and Benefits**

Now you can easily boost your networking throughput. The **LGB20018A** provides you with eight 10/100/1000Mbps Gigabit ports that enable true Gigabit connectivity. Use this switch to transfer large files faster and thus improve efficiency.

The switch offers users a fast and reliable network. The store-and-forward architecture filters errors and forwards packets in a non-blocking environment. Flow control ensures the accuracy of data transmissions. The 802.3x and backpressure flow control mechanisms work respectively in full- and half-duplex modes.

The switch features easy installation and maintenance. It supports Nway auto-negotiation protocol that detects the networking speed (10/100/1000Mbps) and the duplex modes (Full/Half) automatically. The Auto-MDI/MDI-X function sidesteps all the trouble with crossover cables. Also, rich diagnostic LEDs are provided to give the user real-time information on connection statuses.

### **Main features:**

- Complies with 10BASE-T specifications of the IEEE802.3 standard
- Complies with 100BASE-TX specifications of the IEEE802.3u standard
- Complies with 1000BASE-T specifications of the IEEE802.3ab standard
- 8 \* 10/100/1000Mbps RJ-45 Nway ports
- Supports NWay protocol for speed (10/100/1000Mbps) and duplex mode (Half/Full) auto-detection
- Supports MDI/MDI-X auto crossover
- Supports full and half duplex operation on all ports
- Supports back-pressure (half duplex) and flow control (IEEE 802.3x)
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragment & CRC error packets
- Supports 8K MAC address entries in whole system
- 144KBytes buffer memory
- Support 9K bytes jumbo Frames
- Supports extensive LED indicators for network diagnostics
- Internal power adapter
- FCC,VCCI,CE Class A

## Specifications:

- **Standards:** IEEE802.3, IEEE802.3u, IEEE802.3ab and IEEE802.3x standards
- **Interface:** 8\* 10/100/1000Mbps RJ-45 switching ports
- **NWay Auto-Negotiation:** Network speed: 10 / 100 / 1000Mbps
- **Protocol Support:**  
10Mbps: Full/Half duplex  
100Mbps: Full/Half duplex  
1000Mbps: Full duplex
- **MAC Address Table:** 8K entries
- **Packet Buffer:** 144KB
- **Rich LED indicators:**  
1\* Power (green)  
8\*10/100M LINK/ACT (solid green/blinking green)  
8\* 1000M Link/ACT (solid green/green blinking)
- **Operating Temperature:** 0~40°C
- **Operating Humidity:** 10% ~ 90% (non-condensing)
- **Dimension / Net weight:** 215 x 132 x 42 mm / 0.82 kg
- **Power Supply:** Internal Power Supply , 100~240VAC/50~60Hz universal input
- **Emissions:** FCC Class A, CE, VCCI Class A

Code: LGB2018A