

LT-SG24-2.5B

24 Ports Gigabit Desktop/ Rackmount Switch

The LT-SG24-2.5B is a high-performance 24-port Gigabit switch designed for both desktop and rackmount installations. It enables fast and stable Ethernet connectivity across multiple devices, making it ideal for small to medium-sized enterprise networks, office setups, and high-density work environments. With its plug-and-play functionality and fanless design, it ensures quiet operation and easy deployment for seamless network expansion.



Key Features

- 24× 10/100/1000 Mbps auto-negotiation Gigabit Ethernet ports
- Supports full-duplex and half-duplex operation with IEEE 802.3x flow control
- Desktop and rackmount form factor for flexible installation
- Plug-and-play – no configuration required
- High-speed switching capacity for smooth data transfer
- Fanless design for silent operation
- LED indicators for power and link/activity monitoring
- Durable metal housing for long-lasting performance

Key Highlights

- Energy-efficient design with IEEE 802.3az (Energy-Efficient Ethernet) support
- Auto MDI/MDIX eliminates the need for crossover cables
- Supports jumbo frames for improved performance in data-heavy environments
- Compact form factor fits into tight network spaces
- Reliable performance for continuous 24/7 operation
- Ideal for expanding wired networks in offices, schools, and commercial settings

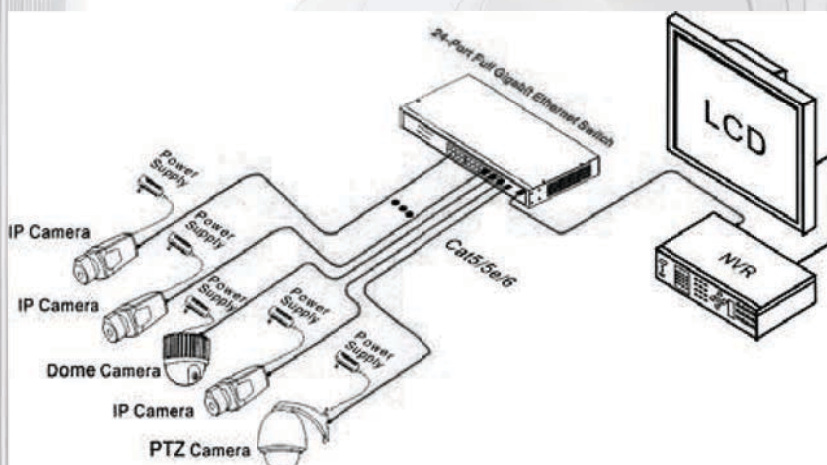
Specifications

Model	LT-SG24-2.5B
Interface	24*10/100/1000Base-T RJ45 ports
Network Standard	IEEE 802.3, IEEE 802.3 i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x
Switch Fabric	48Gbps
Interface Buffer	36M
MAC Address	8k
Indicator	1-16: Link/Act, connecting (ON), transmitting (Blink), linkage fault (OFF) Power: normal (ON), fault (OFF)
Surge Immunity	6KV, IEC61000-4-5
ESD Immunity	Contact discharge 6KV, air discharge 8KV. IEC61000-4-2
Input Power	100-240V ~ 50/60Hz
Operating Temperature	-10C~50C
Operating Temperature	-40C~85C
Operating Humidity	5%-95% (Non-condensing)
Dimension (L*W*H)	274*180*44mm (L*W*H)
Certification	CE, FCC, RoHS
Packing List	
ITEM	QTY
Ethernet Switch	1 pc
Power Adaptor	1 pc
User Manual	1 pc

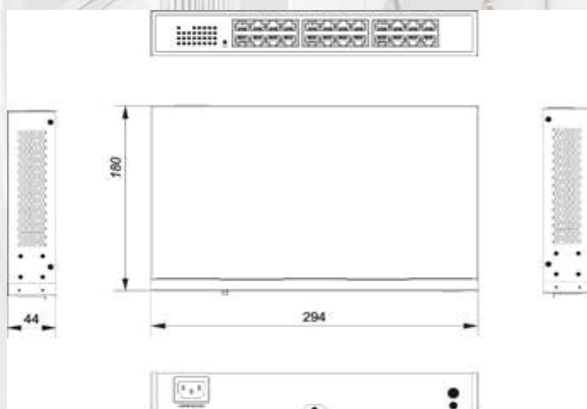


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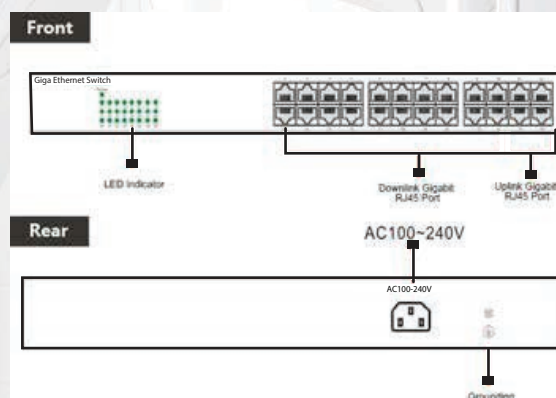
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Dimension



Board Diagram



Applications :

- Office Networks Connect multiple workstations, printers, and servers with high-speed data transfer.
- Small to Medium Businesses (SMBs) Expand LAN infrastructure for smooth business operations.
- Educational Institutions Support digital classrooms, labs, and administrative systems.
- Retail Stores Power POS systems, IP cameras, and back-office networks.
- Apartment Buildings or Hotels Distribute stable internet to tenants or guests.
- Server Rooms/Data Centers Use as an access or aggregation switch in high-density setups.

