pakedgedevice&software inc.

SW24-GB

Quiet, 24 Port Gigabit Ethernet Switch with Clean Front Face & Back Side Cables

Our Enterprise-Class rack mountable Gigabit Ethernet switch is designed so all cables install from the back. This type of installation provides a clean finished rack appearance, which custom installers and their clients prefer. Also, the SW24-GB has a quiet fan design that provides silent operation next to AV equipment.

The SW24-GB provide 24- 10/100/1000 Mbps Gigabit ports. The store-and-forward architecture filters errors and forwards packets in a non-blocking environment. Flow control ensures the correct data is transmitted, and 802.3x and backpressure flow control mechanisms work respectively for full and half duplex modes.

The SW24-GB is designed for easy installation and maintenance; it has a heavy duty 1U housing with rack-mount hardware included. It supports Nway auto-negotiation protocol that detects network speed (10/100/1000 Mbps) and Full/Half duplex modes automatically. Auto-MDI/MDI-X function eliminates the need for crossover cables. Also, rich diagnostic LEDs provide real-time status information.

KEY FEATURES

- Complies with IEEE802.3- 10BASE-T specifications
- Complies with IEEE802.3u- 100BASE-TX specifications
- Complies with IEEE802.3ab- 1000BASE-T specifications
- 24- 10/100/1000Mbps RJ-45 Nway ports
- Supports NWay protocol for speed (10/100/1000 Mbps) 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
- 500 KBytes buffer memory
- Support 9K bytes Jumbo Frames
- LED indicators for network diagnostics
- Internal power adapter
- FCC, VCCI, CE Class A, Meet RoHS

SPECIFICATIONS

STANDARD	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab
INTERFACE	24 port 10/100/1000Mbps auto RJ-45 switching
CABLE CONNECTION	RJ-45 Category 3, 4, 5, 5e or enhanced UTP/STP
TRANSMISSION MODE	10/100Mbps Full or Half Duplex, 1000Mpbs Full Duplex
LED INDICATIONS	System Power, 24 10/100/1000 Link/Activity
MEMORY	8k MAC Entries, 500k bytes Buffer Memory
EMISSIONS	FCC, CE, VCCI
OPERATING TEMPERATURE OPERATING HUMIDITY	32 ~ 104 Degrees Fahrenheit 10% ~ 90% non-condensing
POWER SUPPLY	Internal full range Auto Swithcing, 100-240V / 50
POWER CONSUMPTION	65W, DC 48V/1.35A
DIMENSIONS	10.375"w x 7.25"d x 1.75"h
WEIGHT	3.4 lbs

SW24-GB-01BLK Datasheet

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