

JetNet 4724G

24-Port PoE 10/100Mbps + 2-Gigabit-Port Web Smart Ethernet Switch

- 26 × 10/100/1000Mbps Auto-negotiation Ethernet RJ45 ports with 24-port PoE function.
- Supports PoE power up to 15.4W per PoE port.
- Supports PoE power maximum up to 170watts. for all PoE ports (port 1 ~ port 24).
- Store-and-Forward switching scheme capability to support rate adaptation and ensure data integrity.
- Supports Port-setting for Speed/Disable, Flow control, QoS.
- Easy configuration via WEB Browser.
- Easy setting via Web Management Utility.
- Standard 19" Rack-mount size.



Overview

Korenix JetNet 4724G Web Smart PoE Power Source Switch is equipped with (24) 10/100BASE-TX Fast Ethernet ports, all of which support 802.3af Power Over Ethernet (PoE), and two 10/100/1000BASE-T ports for copper Gigabit connections. The JetNet 4724G is a valuable solution for small and medium size businesses deploying wireless networks, enhanced security, and increasing multimedia applications. This all-in-one solution provides smart management features and Power

Over Ethernet to supply power injection into 802.3af compliant devices such as IP phones, wireless access points, and IP cameras. This allows integrators to deliver power to remote devices in locations where a power outlet may not be available or to reduce cabling costs. It also economically integrates Gigabit technology that removes server bottlenecks and speeds up access to the network backbone.

Power over Ethernet 802.3af compliant

The JetNet 4724G has (24) 10/100BASE-TX ports that support 802.3af PoE standard. It is designed to inject up to 15.4 Watts of power per port. Each port can automatically detect if any 802.3af compliant device is attached and supply power which

will be automatically adjusted to fit into the device. The JetNet 4724G also supports active circuit protection, which automatically disables a port if there is a short, while the other ports remain active.

Remarkably Smart and Excellent Performance

The JetNet 4724G provides QoS features that are suitable for today multimedia applications. Through a Web-based interface, an administrator can set up 802.1Q VLANs to isolate traffic, 802.1P QoS to prioritize mission-critical data such as voice or video packets, and port-based trunk groups to create wide traffic pipelines. It also provides network monitoring tools such as port mirroring. Through its Web Smart interface,

an administrator can easily facilitate network troubleshooting remotely without going to where the actual attached device is located. The auto features of this switch make installation plug & play and negotiation hassle-free. The JetNet 4724G also features diagnostic LEDs, which display Link, speed, power, and activity, allowing you to quickly detect and correct problems on the network.

Specifications

Technology

Standard:

IEEE 802.3 10BASE-T
IEEE 802.3u 100BASE-TX
IEEE 802.3ab 1000BASE-T
IEEE 802.3x Flow Control
IEEE 802.3af Power Over Ethernet
IEEE 802.1p QoS

Interface

Number of Ports:

24 x 10/100Mbps, Auto-negotiation, Auto-MDI/MDIX, PoE ports (port1 ~ port 24)
2 x 10/100/1000Mbps, Auto-negotiation, Auto-MDI/MDIX, Gigabit Ethernet ports(port25 ~ port 26)

Network Cable:

10BASE-T Ethernet:
2-pair UTP Cat. 3,4,5, Unshielded Twisted Pair (UTP) Cable
100BASE-TX Fast Ethernet:
4-pair UTP Cat. 5, Unshielded Twisted Pair (UTP) Cable
1000BASE-T Fast Ethernet:
4-pair UTP Cat. 5, Unshielded Twisted Pair (UTP) Cable
PoE port:
2-pair UTP Cat. 5, Unshielded Twisted Pair (UTP) Cable
MAC Address Table: 4K entries

LED Indicators:

Diagnostic LEDs
Per Unit : Power, System (2 LEDs)
Per port : TX: Link/Activity, Speed (2 LEDs)
PoE : PoE Status (port 1 ~ port 24) (bi-color LED)

Management

Protocol: CSMA/CD

Topology: Star

Performance

Network Data Transfer Rate:

Ethernet:
10Mbps (Half-duplex)
20Mbps (Full-duplex)

Fast Ethernet:

100Mbps (Half-duplex)
200Mbps (Full-duplex)

Fast Ethernet:

2000Mbps (Full-duplex)

Data RAM Buffers: 768K Bytes per device

Filtering Address Table: MAC Address Table

Power Requirements

Power Supply: 100 - 240VAC 50/60Hz, Internal universal switching power supply

PoE (Power over Ethernet) :

PoE Budget: Up to 15.4Watts per PoE port

PoE Wiring: Power over pins 1,2,3,6

Supports PD classification

Supports PoE over current protection

Supports PoE circuit protection

Power Consumption:

180 watts (max. with 11 x 15.4Watts powered devices connected)

Mechanical

Dimensions: 440 mm (W) x 310 mm (H) x 44mm (D)

Environmental

Temperature:

Operating: 0 ~ 40 °C

Storage: -10 ~ 70 °C

Humidity:

Operating: 10% ~ 90% RH

Storage: 5% ~ 90% RH

Regulatory Approvals

EMI:

FCC Class A

CE mark Class A

VCCI Class A

Safety:

cUL (UL 60950)

CB(IEC 60950)

Ordering Information

JetNet 4724G 24-Port PoE 10/100Mbps + 2-Gigabit-Port Web Smart Ethernet Switch

Include:

- 24-Port PoE 10/100Mbps + 2-Gigabit-Port Web Smart Ethernet Switch
- Documentation CD-ROM