

Specification

Technology

Standard:

IEEE802.3 10Base-T
IEEE802.3u 100Base-TX
IEEE802.3x flow control

Switch Technology:

Store and forward technology and with 3.2Gbps switch fabric

Aggregate System Throughput: 1.49Mpps

Interface

Number of Ports:

5 x 10/100 Base-TX with Auto MDI/MDI-X, Auto-Negotiation function

Connectors:

10/100 Base-TX: RJ-45
Power/Relay: 4-pin terminal block

Cables:

CAT-3, CAT-4, CAT-5 unshielded twisted pair or shielded twisted pair cable. The Link distance is 100 meters in maximum

Diagnostic LED:

System: Power (green), Fault (red on)
RJ-45 port: 100Mbps Link (green on)/Activity(green blinking)
10Mbps Link (yellow on)/Activity(yellow blinking)

Power Requirements

System Power:

2 pins terminal block for power input.
DC 12~48V with reverse polarity protection.
AC 18~36V, 47~63Hz
Power Consumption: 3.0 Watts @ DC 24V

Mechanical

Installation: DIN-Rail mount or Wall Mount

Case: Aluminum case with IP-31 protection

Dimension:

111.8mm(H) x 30mm (W) x 98.2mm (D) (with DIN rail clip)
111.8mm(H) x 30mm (W) x 89mm (D) (without DIN rail clip)

Weight:

372g with package
290g without package

Environmental

Operating Temperature: -20 ~70°C

Operating Humidity: 0% ~ 95%, (non-condensing)

Storage Temperature: -40 ~ 85 °C

Hi-Pot: 1.5KV for all ports and power

Regulatory Approvals

EMI: FCC Class A, CE/EN55022.

EMS:

EN61000-4-2
EN61000-4-3
EN61000-4-4
EN61000-4-5
EN61000-4-6
EN61000-4-8
EN61000-4-11

Safety: CE/EN60950

Shock: IEC60068-2-27

Vibration: IEC60068-2-6

Free Fall: IEC60068-2-32

MTBF: 818,646 Hours, MIL-HDBK-217F GB standard

Warranty: 5 years

Ordering Information

JetNet 2005 Industrial 5-port Compact Fast Ethernet Switch

Includes:

- JetNet 2005
- Quick Installation Guide