

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 bandwidth

Aggregate System Throughput: 1.49Mpps

MAC Address: 1K MAC

Packet Buffer: 512Kbits

Transfer performance: 14,880pps for Ethernet and 148,800pps for Fast Ethernet and handle packet size from 64 to 1522Bytes

Interface

Number of Ports:

JetNet 3005: 5 x 10/100 Base-TX with Auto MDI/MDI-X, Auto-Negotiation function

JetNet 3008: 8 x 10/100 Base-TX with Auto MDI/MDI-X, Auto-Negotiation function

Connectors:

10/100TX: RJ-45

Terminal Block: 6-pin for 2 x power input and 1 relay output
DC power Jack x 1

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:

Per system: Power (green) x3

Per RJ-45 port: Link (green on)/Activity(green blinking), Full

Power Requirements

System Power: 2 power input by terminal block

Input Voltage: DC 24V (12~48V) with reverse polarity protection.

Power Consumption:

JetNet 3005: 2.5 Watts @ DC 24V

JetNet 3008: 4.0 Watts @ DC 24V

Mechanical

Installation: DIN-Rail mount or Wall Mount

Case: IP-31 grade aluminum metal case

Dimension:

135mm(H) x 53mm (W) x 105mm (D) (without DIN rail clip)

Weight:

1.016kg with package, 0.68kg without package

Environmental

Operating Temperature: -20 ~70°C

Operating Humidity: 5% ~ 95%, (non-condensing)

Storage Temperature: -40 ~ 85 °C

Hi-Pot: 1.2KV 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:

JetNet 3005: 448,564 Hours

JetNet 3008: 453,653 Hours

MIL-HDBK-217F GB standard

Warranty: 5 years

Ordering Information

JetNet 3005 Industrial 5-port Fast Ethernet Switch

Includes:

- JetNet 3005
- Wall mount panel
- Quick Installation Guide

JetNet 3008 Industrial 8-port Fast Ethernet Switch

Includes:

- JetNet 3008
- Wall mount panel
- Quick Installation Guide