

### JetNet 3008 V2 Industrial 8-port Fast Ethernet Switch



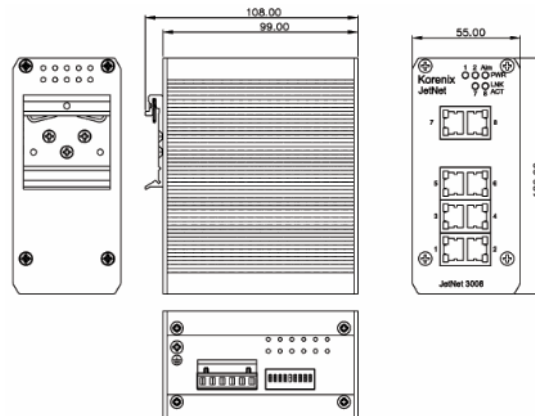
- 8 10/100TX Ports with Auto MDI/MDI-X.
- Compact size with full power redundancy.
- 2.0Gbps Switch Fabric.
- QoS for packet forwarding precedence
- Broadcast storm packet filtering.
- Port and power event alarm
- IP-31 aluminum alloy case
- DIN rail and wall mount
- Dual power input DC12~48V
- AC 1.5KV Hi-pot testing passed

#### Overview

The JetNet 3008 v2 is a new generation 8-port compact Fast Ethernet switch equipped with 2.0Gbps Packet Switch engine as particular packet forwarding and filtering mechanism to fulfill industrial communication on the filed site. It provides the graceful packet forwarding ability to handle 64~1552 packet size into 2 priority queues which compliance with quality of service for the best data forwarding performance. In addition, for the best network performance both of broadcast storm filtering and flow control functions can ensure your data traffic deliver to destination without traffic congestion.

To survive under hazard environment, it equipped 2 redundant power inputs, as the wide range input avoiding any power interruption and also operating between -25°C ~70°C temperature range. For the easy maintenance purpose, JetNet 3008 has one alarm-relay for the port link event and the power event to give an alarm to service engineer on the filed site. With the JetNet 3008 switch, it will deliver you superiority and reliable performance on your filed site applications.

#### Dimensions (Unit –mm)



#### Specification

<b>Technology</b>	
<b>Standard</b>	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3x flow control
<b>Switch Technology</b>	Store and forward technology and with 2.0Gbps Switch Fabric.
<b>System Performance</b>	
<b>Aggregate System</b>	1.49Mpps
<b>Throughput</b>	
<b>MAC Address</b>	2K MAC
<b>Packet Buffer</b>	448Kbits
<b>Transfer Packet Size</b>	148,80pps for Ethernet 10Base-T

<p><b>Broadcast storm control</b></p> <p><b>Class of Service</b></p> <p><b>Quality of Service</b></p> <p><b>Event alarm relay Interface</b></p> <p><b>Number of Ports</b></p> <p><b>Connectors</b></p> <p><b>Cables</b></p> <p><b>Diagnostic LED</b></p> <p><b>Power Requirements</b></p> <p><b>System Power</b></p> <p><b>Power Consumption</b></p> <p><b>Mechanical</b></p> <p><b>Installation</b></p> <p><b>Case</b></p> <p><b>Dimension</b></p> <p><b>Weight</b></p> <p><b>Environmental</b></p> <p><b>Operating Temperature</b></p> <p><b>Operating Humidity</b></p> <p><b>Storage Temperature</b></p> <p><b>Storage Humidity</b></p> <p><b>Regulatory Approvals</b></p> <p><b>EMI</b></p> <p><b>EMS</b></p> <p><b>Shock</b></p> <p><b>Vibration</b></p> <p><b>Free Fall</b></p> <p><b>MTBF</b></p> <p><b>Warranty</b></p>	<p>148810pps for Fast Ethernet</p> <p>Packet size from 64~1552 Bytes ( Long Packet forwarding ability)</p> <p>Default enabled.</p> <p>traffic threshold: 3 packets/ 10ms @100Mbps</p> <p>3 packets/100ms @ 10Mbps</p> <p>Provides 2 packet forwarding Queues: High Queue (4~7), Low Queue (0~3)</p> <p>Default Enabled. Supports VLAN tag priority and IPv4 packet precedence.</p> <p>Provides port and power event alarm; Enabled by 9-PIN Dipswitch.</p> <p>8 x 10/100 Base-TX with Auto MDI/MDI-X, Auto-Negotiation function</p> <p>10/100 Base-TX: RJ-45</p> <p>Power: Terminal Block</p> <p>Alarm relay: Terminal block connector with 1A @DC24V carry ability.</p> <p>CAT-3, CAT-4, CAT-5 unshielded twisted pair or shielded twisted pair cable. The Link distance is 100 meters in maximum.</p> <p>Per system: Power (Green) x2</p> <p>10/100TX port: 100Mbps Link (Green on)/Activity(Green blinking)</p> <p>10Mbps Link (Yellow on)/ Activity (Yellow blinking)</p> <p>Alarm: Port /Power Event (Red on)</p> <p>2 Power inputs with redundancy and polarity reverse protection</p> <p>Voltage: DC 24V (12~48V).</p> <p>8 Watts @ DC 24V</p> <p>DIN-Rail mount or Wall Mount</p> <p>IP-31 grade aluminum metal case</p> <p>120mm(H) x 55mm (W) x 108mm (D) ( with DIN rail clip)</p> <p>0.775kg with package</p> <p>0.525kg without package</p> <p>-25 ~70</p> <p>0% ~ 95%, non-condensing</p> <p>-40 ~ 85</p> <p>5%~ 90%, non-condensing</p> <p>FCC class A, CE/EN55022 class A.</p> <p>CE/EN61000-4-2, CE/EN61000-4-3, CE/EN61000-4-4, CE/EN61000-4-5, CE/EN61000-4-6, CE/EN61000-4-8, CE/EN61000-4-11</p> <p>IEC60068-2-27</p> <p>IEC60068-2-6</p> <p>IEC60068-2-32</p> <p>400,000hours *MIL-HDBK-217F GB(MILITARY HANDBOOK) standard</p> <p>Global 5 years</p>
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**Ordering Information**

<b>JetNet3008</b>	<b>Industrial 8-port Fast Ethernet Switch</b>
	Includes: <ul style="list-style-type: none"> <li>● JetNet3008</li> <li>● Quick Installation Guide, User's manual</li> </ul>