

JetNet 4006f

Industrial 6-port Managed Fast Ethernet Fiber Ring Switch



CE FC RoHS

Dual Fiber MSR < 5ms LLDP& JetView Pro DHCP Option 82

- 4 10/100 Base TX ports plus 2 100 Base- FX uplink ports
- Supports Multi-mode 2KM, Single-mode 30KM
- Patented Multiple Super Ring - Network Recovery time < 5 ms
- Patented Rapid Dual Homing – compatible with RSTP
- Supports LLDP and JetViewPro i²NMS software for auto-topology visualization and efficient group management
- Supports SNMP, Web, Telnet and JetView Pro for remote management
- Port-Based VLAN with Tag Modification for efficient traffic transmission
- DHCP Client/Server/ DHCP Relay (Option 82) for automatic IP configuration
- IEEE 802.1p QoS with CoS, DSCP scheme for high-priority data traffic
- IGMP Snooping with Query Mode for optimized multicast forwarding
- DC 12~48V Redundant power input with polarity reverse protection
- Operating temperature -10~60°C for JetNet 4006f (JetNet 4006f-w: -40~60°C available by request)

Industrial Intelligent NMS

Rackmount PoE Plus Switch

Industrial PoE Plus Switch

Industrial 12-24V PoE Switch

Industrial PoE Switch

Rackmount L3/L2 Switch

Gigabit Managed Switch

Managed Ethernet Switch

Entry-level Switch

Wireless Outdoor AP

Embedded PoE/Router Computer (LINUX)

Industrial Communication Computer (WIN/LINUX)

Ethernet/PoE/ Serial Board

Ethernet I/O Server

Media Converter

Serial Device Server

SFP Module

Din Rail Power Supply

Overview

Korenix JetNet 4006f is an Industrial Managed fast Ethernet Ring switch equipped with 4 10/100 Mbps ports plus 2 100 Mbps fiber uplink ports for forming redundant connection in industrial Ethernet applications. The LLDP design allows the switches to be managed and configured easily by a single administrator console, where the topology can be automatically drawn in just seconds. The JetNet 4006f series combines more advanced Layer 2 management protocols, such as the DHCP option 82, VLAN, IGMP snooping or SNMPv3 for efficiently controlling and managing the network performance in industrial environments. To provide network redundancy with guaranteed

secure and reliable data transmission, JetNet 4006f supports Korenix patented fast network ring recovery technology - the Multiple Super Ring (R.S.R.), which can recover network failures in just 5 milliseconds. The RSR co-exists with the IEEE 802.1d RSTP:2004 standard to deliver non-stop transmission by Rapid Dual Homing (R.D.H.) technology. JetNet 4006f is designed with a slim IP31 rugged aluminum alloy injection case with great heat radiation ability to work reliably under high temperature environment. To provide more reliability for industrial applications, it supports wide range power input DC 12~48V with auto polarity reverse function.

