

JetNet 7516P-HVDC



**Industrial up to 12 FE/12 PoE, 4GbE,
Managed L3 Routing PoE Switch**



JetNet 7516P-HVDC Industrial up to 12 FE/12 PoE, 4GbE, Managed L3 Routing PoE Switch

- Up to 12 ports Fast Ethernet M12 D-Code, 4 Gigabit M12 X-Code
- Up to 12 IEEE 802.3at PSE embedded in Fast Ethernet
- Non-Blocking, High Speed Network Switching Fabric
- 2 Gigabit Ethernet interfaces support Device Fault Bypass function
- Network Redundancy – MSR (Multiple Super Ring), ITU-T G.8032 ERPS, RSTP, MSTP, Super Chain
- Fully Device Management – SNMP v1/v2c/v3, RMON, Web UI, Telnet and Local Console
- Friendly Device and Network Topology recovery utility – Korenix View, Korenix NMS
- Layer 2 Network Performance – IEEE802.1Q VLAN, Private VLAN, Trunk, Traffic Filtering, DHCP Server/Client, Traffic Prioritize, Forwarding Rate Control
- Layer 3 Network Routing Protocols – Static/Dynamic Route, VLAN Routing, Multicast Routing
- Advanced Cyber Network Security – MAC security, IEEE 802.1x Port Based access control, IEEE 802.1x Radius Server authentication, 802.1x MAB, Distributed Denial of Service (DDoS), IP Source Guard, Denial of ARP Inspection, TACACS+, RADIUS, ACL.
- IEC-61375-2-5 Train Topology Discovery Protocol (TTDP)*
- Hardware Watchdog for System Auto-Recovery
- High Level Electromagnetic interference immunity
- Compliance with Railway EN50155:2017, EN50121-4, EN 50121-3-2, Heavy Industrial EMC and CE, FCC for the Train/MRT IP Surveillance application

Product Introduction

Korenix JetNet 7500-HVDC series is a Layer-3 routing PoE Switch series with up to 16 ports Fast Ethernet M12 D-Code, 4 ports Gigabit Ethernet M12 X-Code interfaces, and the Fast Ethernet also embedded up to 16 ports PSE for PoE application. The system supports wide range power input to compliance most of modern train, and secure the passengers' safety with isolated electrical power system design. The M12 connectors integrate push-pull and typical type. It can help installer save time in filed site.