

16x10/100TX to 100 FX or 16x10/100/1000TX to 1000SX(LX) 16-Slot Chassis Switch (Managed)



Benefits

■ 16 slots converter chassis with 2 power slots	■ Event log and SNMP Trap support
■ AC or DC power with redundant function	■ SNMP MIB II and private MIB supports
■ Max. 16 slots for media converter	■ HTTP, Telnet security
■ 10/100TX to 100FX module	■ IP address security for management station
■ 100/1000TX to Gigabit fiber module	■ Web and TFTP firmware upgrade
■ 100/1000TX to Mini GBIC module	■ Link Loose Forwarding (LLF)
■ 100FX WDM module support	■ Back-door password supports
■ Fiber Module hot-swappable	■ Module identification
■ CPU module hot-swappable	■ 100FX and Gigabit module support single mode or multi mode fiber
■ SNMP, Web, Telnet, console management	■ EIA RS-310C 19 " standard
■ Support Simple Network Time Protocol (SNTP)	■ Loop Back Test
■ Power and Fan Detect	■ Support TS-1000 on 10/100TX to 100FX module and 100FX WDM module

Standard Compliance

Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX and 100BASE-FX with N-way auto negotiation IEEE802.3ab Gigabit copper with N-way auto-negotiation IEEE802.3z for Gigabit fiber IEEE802.1Q Tag VLAN
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Hardware Specification

Connector	100FX Module: Fiber: Duplex ST/SC/MT-RJ, Simplex SC (WDM single mode) RJ-45: CAT-5 (10/100Mbps) Twisted Pair cable Gigabit Module: Fiber: Duplex SC (Single mode 10KM, Multi mode 500Meters) RJ-45 Socket: CAT- 5 (1000Mbps) 4 pairs of UTP/STP cable CPU Board: RJ-45 for 10/100Mbps, Full/Half Duplex. Cable support CAT-3/5 (10/100Mbps) WDM module: Fiber: Simplex SC (single mode 20KM) RJ-45: CAT. 5 2 pairs of UTP cable Mini GBIC module: (for 3.3v only) Fiber: Mini GBIC (Duplex LC) RJ-45: CAT- 5 (1000Mbps) 4 pairs of UTP/STP cable
Switch architecture	Store and Forward, Internal Packet Gap 960ns, Filter illegal and error packet.
Fiber parameters	Fiber Core: Multimode (62.5/125µm, 50/125µm) Singlemode (8/125µm, 10/125µm) Wavelength: 100Mbps Multimode: 1310nm / 100Mbps Singlemode: 1310nm 100Mbps WDM 1330: TX 1310nm, RX 1550 nm 100Mbps WDM 1550: TX 1550nm, RX 1310 nm Available Fiber distance: 100Mbps module: Singlemode Fiber (30 KM) / Multimode (2KM) 100Mbps WDM module (WDM13, WDM15): 20KM Gigabit Fiber Distance: SX (Multimode) 500 Meters LX (Single mode) 10 KM Optical Transceiver parameter: 100Mbps Multimode: TX (-19dBm), RX (-31dBm), Power budget (12dBm) 100Mbps Singlemode (30KM): TX (-15 dBm), RX (-34 dBm), Power budget (19dBm) Gigabit SX Transceiver: TX (-9.5dBm), RX (12.5 dBm), Power budget (3dBm) Gigabit LX Transceiver: TX (-9.5dBm), RX (-20 dBm), Power budget (10.5dBm)
Transparent packet	64 to 1518 Bytes for Non-VLAN Ethernet packet 68 to 1522 Bytes for VLAN-Tag type Ethernet packet
LED	CPU Module: CPU Ready, Power Good (A, B) Power Fail (A, B), TX (link/Act, FDX) 100FX Module: Power, TX (Link /Act, speed, FDX), FX (Link /Act, FDX) Gigabit Module: Power, Gigabit Copper (Speed, 1000Mbps, LK/ACT, FDX/COL), Fiber (Link/Act, FDX/COL) 100/1000TX to MINI GBIC module: Power, Gigabit Copper (Speed, 1000Mbps, LK/ACT, FDX/COL), Fiber (Link/Act, FDX/COL)
System Power	Redundant and Load Sharing function support (AC or DC) AC 100~240 V, 50/60 HZ DC 40.5~57.0V
Operation Temp.	0°C to 45°C
Operation Humidity	10% to 90% (Non-condensing)
Storage Temp.	-40°C to 70°C
Dimension	448mm(w) * 89mm(H) * 279mm(D)
EMI & safety	FCC Class A, CE, UL

Software Features

Management	Telnet, Web, console
Web/Telnet	Web and Telnet function can be enabled or disabled.
MIBS	RFC 1213 MIB II, Private MIB
SNMP Trap	Link down, Link up, Power module status change, authorization Fail, Module plug in and plug out, chassis configuration change, module configuration change.
Software Upgrade	Firmware upgrade by Web interface and TFTP.
Link Loose Forward	Each module support LLF feature. It can be set by Web or CLI menu. LLF Mode TX→Fiber: TX port link down, the fiber port will be forced down LLF Mode Fiber→TX: Fiber port link down, the TX port will be forced down
Packet counter	TX port: IN-good / In-bad packet counter, out-good /out-bad packet counter, collision counter Fiber port: IN-good / In-bad packet counter, out-good /out-bad packet counter
SNMP Trap Node	Up to 4 Trap node.
IP security	It supports IP security for telnet, HTTP and SNMP access. Up to 4 IP nodes when security is enabled.
Events log	Up to 4095 event records. It can be re-view by CLI and Web browser mode.
Module notice	Per module can add notice for allocate information and characters up to 32.
Back-door pass word	It only supports on CLI mode.
TS-1000	Loop back test, remote configuration.
SNTP	Support RFC2030 Simple Network Time Protocol

Order Information

Part Number	Product Family	Description
26 000 400	DragonLine	16-Slot chassis switch (managed)
26 000 405	DragonLine	Redundant AC Power
26 000 411	DragonLine	1x10/100TX-1x100FX(SC/MM/2km)
26 000 412	DragonLine	1x10/100TX-1x100FX (ST/MM/2km)
26 000 413	DragonLine	1x10/100TX-1x100FX (SC/SM/30km)
-	DragonLine	1x100/1000TX-1x1000FX (LC/MM/550m)
-	DragonLine	1x100/1000TX-1x1000FX (LC/SM/30km)