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Longshines 10/100/1000 Mbps Gigabit Ethernet Switch LCS-883R-SW2402

The **LCS-883R-SW2402** is a 24 ports standalone, 10/100 Mbps Ethernet Switch, with supporting plug-in modules . The modules are available as 1000 Base-SX or 1000 Base-T . The Switch is embedded with an internal agent module to manage the switch device , that supports the Link Aggregation and Port Based vLAN , through the console management .

Key Features:

- ◆ 24 x 10 BaseT/100BaseTX RJ-45 ports.
- ◆ 2 x 1000BaseSX/TX slide in port.
- ◆ Complies with IEEE802.3 , IEEE802.3u and IEEE802.3z standards
- ◆ Supports NWay protocol for speed (10/100Mbps) and duplex mode (Half/Full) detection
- ◆ 19" standard rack-mount design
- ◆ Supports full and half duplex operation on all ports
- ◆ Operates at maximum packet filtering and forwarding rate
- ◆ Store-and-forward architecture filters fragment & CRC error packets
- ◆ Supports 32K MAC address entries in whole system
- ◆ 1MBytes buffer memory
- ◆ Supports IEEE802.3x flow control for full duplex ports and backpressure option for half duplex ports
- ◆ Provides 6 Grouping Sets for Port-Based vLAN.
- ◆ Supports up to 6 groups of link aggregation at the same time
- ◆ Provides Console User Interface to manage the device via out-band
- ◆ Supports extensive LED indicators for network diagnostics
- ◆ Internal universal switching power supply (100- 240VAC, 50/60Hz)
- ◆ FCC Class A, CE

Optional Slide in Gigabit module

- ◆ **FX-2402SC** : Gigabit Ethernet SC Transceiver module
- ◆ **FX-2402TX** : Gigabit Ethernet TX Transceiver module

PRODUCT SPECIFICATION:

Standard	IEEE 802.3 for 10BaseT, IEEE 802.3u for 100Base-TX IEEE 802.3z for 1000Base-TX, IEEE 802.3x for flow control support
Ports	24 x 10/100Mbps RJ-45 NWay ports 2 x 1000BaseSX/TX slide in port
NWay Protocol Support	Network speed: 10Mbps and 100Mbps, Duplex mode: Full and Half
MAC Address table	32 K entries
Buffer Memory	1Mbyte for the whole system
Filtering/Forwarding Rate	10Mbps: 14,880pps/14,880pps; 100Mbps: 148,800pps/148,800pps
vLAN	Provide 6 Grouping Sets for Port-Based VLAN
Link Aggregation (Port Trunking)	Support up to 6 groups of link aggregation at the same time
Console Port (RS-232 port)	Fix Baud Rate 9600, One Stop Bit, 8-Bit Data Transfers, None Parity
Dimension	441 x 220 x 44.1 mm
Rich LED indicators	System: Power Port: Link/Activity, FDX/COL, and Speed
Operating Temperature	0 -55 ⁰ C (32-131 ⁰ F)
Humidity	10 - 90% RH
Emission	FCC Class B, CE
Power-Supply	100 - 240VAC, 50/60 Hz

