



(LXV-16S)

Layer3 Management Switch LXV-16H/16S



Feature

■ Layer 3 Specifications (LXV-16H/LXV-16S)

- IP-based Packet-by-Packet routing scheme
- Routing protocols: RIP/ RIP2
- Routing process: LXV-16H: ASIC routing LXV-16S: software routing
- Also supports the Layer 2 specifications below
- Packet transfer rate: LXV-16H/ 190kpps LXV-16S/ 5kpps

■ Layer 2 Specifications

- 10/100Mbps Port x 14
- Two MII ports for 100Base-TX/FX connection
- Forwarding / Filtering (Switching) Rate: 2Mpps
- Switching Bandwidth: 2Gbps
- Packet Buffer: 256KB per port
- MAC Address Table: 8K
- IP Subnetwork: 8
- Flow Control Support: Full-duplex/ IEEE 802.3x Half-duplex/ back pressure
- Switching method: Store & forward, (cut-through)
- Distributed Flow Caching provides fast switching process
- Supports IEEE 802.1Q VLAN (32 groups)
- Complies with IEEE 802.1p QoS (4 levels)
- Conforms to IEEE 802.1d Spanning Tree Protocol
- Supports SNMP and RMON (Groups 1, 2, 3 & 9)
- Supports MIB2, Bridge MIB
- Supplied with a WEB-based management utility
- Dimensions: 440 x 254 x 45 mm (17.3 x 10.0 x 1.7 in.)

■ Option LXV Sirease

100Base-FX MII x1Port(SC)
Transceiver (Hot Swap supported)

LXV-10FX/Phase-out

100Base-FX MII x1Port
Transceiver (Hot Swap supported)

LXV-10TX/Phase-out

Specifications

Model Name	LXV-16H/16S
Ports Max	16 Ports
100Base-TX ports	14up to 2 ports
100Base-FX/TX ports (for MII extension):	up to 2 ports
Autonegotiation(NWAY)	All ports supported
LED Indicators	Speed, Duplex, Activity, Diagnostic, FAN
Switching Method	Store & Forward, (Cut-Through)
Filtering Rate	148,800 packets per second (for each port)
Packet Buffer Capacity	4MB
Flow Control (half-duplex)	back pressure
Flow Control (full-duplex)	IEEE 802.3x
MAC Address Entries	8K
Maximum VLAN Group Number	Supports up to 32 port-based VLANs Supports up to 32 port-based VLANs
Priority Support	4 levels (IEEE 802.1p compliant)
RMON	4 groups
SNMP	Supported
Spanning Tree	Supported
Network Management	VT100, Telnet, Web-based NMS
Firmware Update	TFTP
Dimensions(WxDxH)	440 x 253.2 x 44.5 mm
Weight	4.0kg
Power Consumption	40W
Operating Temperature	0 - 45 degrees Celsius
Operating Humidity	35-80% (non-condensing)
Input Voltage	100-240VAC
Input Frequency	50-60Hz

EMI	FCC Class A, CE, VCCI 1
Safety	cUL

