

## LD-1408-24M

### Ladox 8xG TP/SFP + 16xG SFP Gigabit L2+ Managed Switch



#### OVERVIEW

24-Port Gigabit L2 Plus Managed Switch, is a standard switch which meets all IEEE 802.3/u/x/z Gigabit, Fast Ethernet specifications. This switch includes 16-Port 1000Mbps SFP and 8-Port Combo Gigabit TP/SFP Fiber dual media management Ethernet switch. Also, it can be managed through RS-232 serial port, or through Ethernet port using CLI or Web-based management unit, associated with SNMP agent. With the SNMP agent, the network administrator can logon the switch to monitor, configure and control each port's activity in a user-friendly way. The overall network management is enhanced and the network efficiency is also improved to accommodate high bandwidth applications.

#### KEY FEATURES

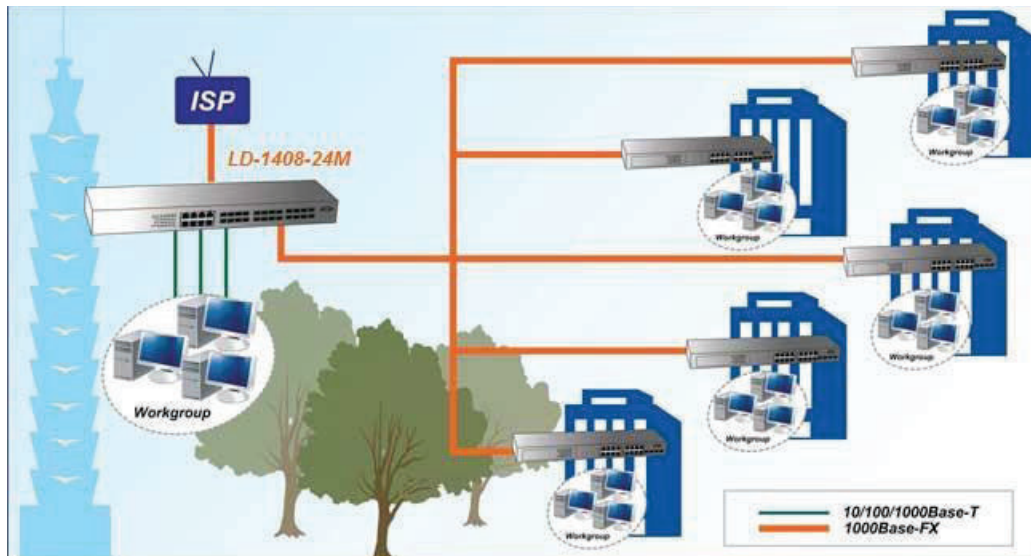
- 24-Port Gigabit SFP High Port Count Fiber Switch
- 9KB Jumbo Frame Support
- IEEE 802.1x Access Control Improve Network Security
- Port Mirroring Helps Supervisor Monitoring Network
- Q-in-Q VLAN for performance & security and 4094 VLAN entries(prevision, upgrade via FW)
- IEEE 802.1D Compatible, 802.1w Rapid Spanning Tree and 802.1s Multiple Spanning Tree
- Unknown Unicast/Broadcast/Multicast Storm Control
- Multicast VLAN Management for IPTVIP-Mac-Port binding for VLAN security
- QCL Based on Application traffic for QoS and rate limitation management
- ACL Based on Ethernet Type / ARP / IPv4 for packets permit or deny, rate limitation and port copy
- DHCP Option 82 relay agent

#### SPECIFICATIONS

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.3/3u 10/100Base-TX Ethernet (twisted-pair copper)</li> <li>• IEEE 802.3ab 1000Base-TX Ethernet(twisted-pair copper)</li> <li>• IEEE 802.3z 1000Base-X Ethernet</li> <li>• IEEE 802.3x flow control capability</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>• 16-Port SFP + 8-Port Combo port (SFP/RJ-45)</li> <li>• Port 1,2,3,4,5,6,7,8 are Gigabit TP/SFP Fiber auto sense</li> <li>• Auto-Negotiation and Auto-MDIX</li> <li>• Backpressure flow control for half duplex.</li> <li>• 802.3x flow control for full duplex.</li> </ul>
<b>Performance Switching capacity</b>	<ul style="list-style-type: none"> <li>• Non-blocking switch fabric supports up to 24GbE ports</li> <li>• 8 K MAC addresses</li> <li>• The maximum throughput is 48Gbps</li> </ul>
<b>VLAN</b>	<ul style="list-style-type: none"> <li>• Supports SVL/IVL configuration to meet your VLAN requirement</li> <li>• Port-base VLAN</li> <li>• IEEE802.1q tag-base VLAN, 4094 max, up to 1024 active VLAN including static plus dynamic entry</li> <li>• IEEE802.1q tag-base VLAN</li> <li>• Flooding unknown vlan frame setting, can flood packet with some VLAN tag associated to a invalid/inactive VLAN</li> <li>• In tag-base VLAN, supports egress/ingress packet filter</li> <li>• Q-in-Q is an efficient method for enabling Subscriber Aggregation</li> <li>• Provide Management VLAN for managed policy</li> </ul>
<b>VSM (Virtual Stacking Management)</b>	<ul style="list-style-type: none"> <li>• Virtual stacking, no extra stacking hardware is required</li> <li>• Distributed stacking, no physical central wiring closet is needed</li> </ul>

QoS	<ul style="list-style-type: none"> <li>Support QCL for Layer 4 TCP/UDP Port and ToS Classification</li> <li>Support 802.1p QoS with four level priority queue</li> <li>Support priority in a Q-in-Q tag</li> </ul>
Bandwidth Control	<ul style="list-style-type: none"> <li>Support bandwidth rating per port ingress and egress rate limit 500Kbps~1000Mbps with 1Kbps</li> </ul>
Protocol LACP	<ul style="list-style-type: none"> <li>Port trunking with 12 trunking group</li> <li>Up to 16 ports for each group.</li> </ul>
GVRP/GARP	<ul style="list-style-type: none"> <li>802.1q with GVRP/ GARP</li> </ul>
Multicasting	<ul style="list-style-type: none"> <li>Support IGMP snooping including active and passive mode</li> </ul>
STP/RSTP/MSTP	<ul style="list-style-type: none"> <li>802.1d/1w/1s</li> </ul>
Network Security	<ul style="list-style-type: none"> <li>802.1x access control for port based and mac based authentication</li> <li>Management Access Policy Control</li> <li>Access control List</li> <li>IP-mac-port binding</li> <li>DHCP relay agent</li> </ul>
SNMP agent	<ul style="list-style-type: none"> <li>Snmpv1,v2c</li> <li>Support RFC 1213 MIB (MIB-II), RFC 1757 RMON MIB, RFC 1493 Bridge MIB, RFC 1643 Ethernet MIB, Enterprise MIB</li> </ul>
LED Description	<ul style="list-style-type: none"> <li>POWER</li> <li>LINK/ACT: SFP Port 1-24</li> <li>LINK/ACT: UTP Port 1-8</li> <li>10/100/1000Mbps: UTP Port 1-8</li> </ul>
Environment	<ul style="list-style-type: none"> <li>Operating temperature : 0°C to 40°C</li> <li>Operating Humidity:5% to 90% (Non-Condensing)</li> </ul>
Dimension	<ul style="list-style-type: none"> <li>442 * 209 * 44mm</li> </ul>
Certification	<ul style="list-style-type: none"> <li>FCC, CE</li> </ul>

## APPLICATION



## ORDER INFORMATION

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