



L2+ | Web, Console | Non PoE | 24 x 1GE Ports | 4 x 1GE SFP Ports

## PRODUCT OVERVIEW

The RL-LP-24T-4F Series is a state-of-the-art managed switch meticulously designed to address the complex demands of small and medium businesses. This series is powered by advanced hardware architecture that not only enhances network capabilities but also ensures reliable and efficient operations across a diverse range of devices and services. The RL-LP-24T-4F Series integrates sophisticated features such as a versatile IPv6 solution, complete security mechanisms, and carrier-level high reliability, providing administrators with unparalleled control over network security, traffic management, and performance optimization.

The switch's support for Layer-3 routing protocols, including Static Routing, RIP, and OSPF, offers robust networking solutions for complex environments. It seamlessly incorporates advanced features like ACL, QinQ, and QoS, bridging the gap between performance and efficiency. Its intuitive management interface simplifies configuration and

monitoring, making it accessible for network professionals to deploy and manage with ease. Additionally, its versatile design caters to diverse deployment scenarios, ensuring seamless integration even in the most intricate network environments.

The RL-LP-24T-4F exemplifies our dedication to innovative design, offering a solution that not only meets current networking needs but is also poised to adapt to future challenges. This series is not just a switch; it is a comprehensive networking solution that embodies simplicity in management, adaptability in installation, and the power of intelligent design. Experience the future of network connectivity with the RL-LP-24T-4F, bringing your network vision to life with confidence and precision.



## Key Features

- Ethernet Switch with 24 GE Ports: 24 GE Ports, 4 x 100/1000 SFP Ports with 56 Gbps of Switch Throughput.
- Layer-2 and L3 Lite functions.
- Security: L2/L3/L4 ACL flow identification and filtration, protection against DDoS attacks, TCP SYN Flood, UDP Flood, port security, port isolation, Radius and Tacacs+, and storm control.

## Specifications:

<b>INTERFACE</b>	24 GE POE PORTS 4 GE SFP
<b>CONSOLE</b>	1 RJ45 PORT, 1 RST BUTTON
<b>BACKPLANE(Gbps)</b>	56 Gbps
<b>FORWARDING RATE(Mpps WITH 64 BYTES)</b>	42 Mpps
<b>CHASSIS</b>	
<b>DIMENSIONS (WXDXH)(MM)</b>	440X210X44
<b>WEIGHT(KG)(EMPTY)</b>	2
<b>PACKAGE</b>	
<b>DIMENSIONS (WXDXH)(MM)</b>	555X295X88
<b>WEIGHT(KG)</b>	3
<b>POWER CONSUMPTION</b>	
<b>NO-LOAD</b>	< 7W
<b>FULL LOAD</b>	20W

<b>POWER SUPPLY</b>	
<b>AC: 100V-240V, 50/60Hz</b>	25W
<b>TOTAL OUTPUT BTU (1000BTU/H=293W)</b>	85.32
<b>FAN Number</b>	NO
<b>NOISE@25°C(dBA)</b>	0
<b>MTBF(H)</b>	> 50,000
<b>FORWARDING MODE</b>	Store - Forward
<b>FLASH (MB)</b>	16
<b>DRAM (MB)</b>	128
<b>MAC</b>	8K
<b>BUFFER SIZE(MB)</b>	4.1
<b>JUMBO FRAME</b>	9K
<b>TOTAL SVI</b>	10

## Product Features

<b>VLAN</b>
4K Active VLAN, QinQ & Selective
QinQ, GVRP, Private VLAN, Voice VLAN
<b>Spanning Tree</b>
802.1D (STP)
802.1W (RSTP) and 802.1S (MSTP)
BPDU guard, root guard and loopback guard
<b>Multicast</b>
IGMP v1/v2/v3
IGMP Snooping
IGMP Fast Leave
MVR, IGMP filter
<b>IP</b>
Static route
RIP, OSPF
512 routing table
IPv4/v6 dual stack
DHCP Server/Client/Relay
<b>QoS</b>
CAR, HQoS, MAC/IP/TCP/UDP/ VLAN/COS/DSCP/TOS based QoS
802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR", Tail-Drop
WRED, flow monitoring and traffic shaping

### Security

Port isolation, Port security, and "IP+MAC+port" binding, MAC
Sticky DHCP Snooping and option 82, DAI & IP source guard, PPPoE+
IEEE 802.1x, Radius and Tacacs+ L2/L3/L4 ACL flow identification and filtration Anti-attack from
DDoS, TCP's SYN Flood, UDP Flood, etc. Broadcast/multicast/unknown unicast storm-control
MD5, SHA-256, RSA-1024, AES256, etc.

### Reliability

Static/LACP link aggregation,
Interface backup
BVSS virtual-stacking
EAPS and ERPS
ISSU

### Management

Console, Telnet, SSH v1/2, HTTP
HTTPSSNMP v1/v2/v3, RMON
TFTP, FTP, SFTP
NTP, SPAN, RSPAN
ZTP(Zero Touch Provisioning)

### Environment

Operating temperature/humidity: 0°C -50°C, 10%-90% non-condensing
Storage temperature/humidity: -20°C -70°C, 5%-95% noncondensing

### Accessories

Power cord, rackmount kits, console cable, anti-slipping pad
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## Warranty and Support

<b>Essential</b>	Premium
<b>Available for 3 years</b>	Available for 1,3,5 years
<b>Tech Support for 90 Days</b>	Advanced Replacement and NBD Shipping Available
	24*7 Email Tech Support

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