



L2+ | Web, Console | PoE | 24 Ports 1GE Port | 4 GE TX/SFP Combo Ports



PRODUCT OVERVIEW

The RL-LP-24TPS-4F Series is a state-of-the-art managed Layer L2+ switch meticulously designed to address the complex demands of next-generation networking. This series is powered by advanced hardware architecture that delivers an impressive 56 Gbps high throughput and a substantial 370W PoE power budget, ensuring reliable and efficient operations across diverse network environments. The RL-LP-24TPS-4F Series integrates sophisticated features such as 24 GE PoE ports and 4 x 1G SFP+ uplink ports, providing administrators with unparalleled flexibility and performance optimization.

The switch's robust feature set includes powerful Access Control Lists (ACLs), flexible QinQ (802.1ad), Ethernet Operations, Administration, and Maintenance (OAM), and carrier-grade Quality of Service (QoS). These capabilities, coupled with support for Layer 3 features including Static Routing, RIP, OSPF, VRRP, and IPv4/6 dual stack, offer comprehensive networking solutions for complex

deployment environments. Its intuitive management interface simplifies configuration and monitoring, making it accessible for network professionals to deploy and manage with ease.

The RL-LP-24TPS-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 versatile networking solution that bridges the gap between high-performance connectivity and advanced routing capabilities, enabling businesses to tackle complex networking demands with confidence and precision. Experience the future of network connectivity with the RL-LP-24TPS-4F, your partner in elevating your network's capabilities across various applications.



Key Features

- **Managed Layer L2+ Switch with 24 GE PoE Ports and 4 x 1G SFP Ports, Delivering 56 Gbps High Throughput and 370W Poe power budget.**
- **Powerful Access Control Lists (ACLs) and Flexible QinQ (802.1ad)**
- **Ethernet Operations, Administration, and Maintenance (OAM)**
- **Carrier-grade Quality of Service (QoS)**
- **Support for Layer 3 features** such as Static Routing, RIP, OSPF, VRRP, and IPv4/6 dual stack.

Specifications:

INTERFACE	24 GE POE PORTS 4 GE TX/SFP COMBO PORTS
CONSOLE(RJ45)	1 RJ45 PORT 1 RST BUTTON
BACKPLANE(Gbps)	56 Gbps
FORWARDING RATE(Mpps WITH 64 BYTES)	42 Mpps
CHASSIS	
DIMENSIONS (WDXH)(MM)	440X210X44
WEIGHT(KG)(EMPTY)	3
PACKAGE	
DIMENSIONS (WDXH)(MM)	555X295X88
WEIGHT(KG)	4.1
POWER CONSUMPTION	
NO-LOAD	< 17W
FULL LOAD	393.5W

POWER SUPPLY	
AC: 100V-240V, 50/60Hz	400W
POE POWER BUDGET	370W
TOTAL OUTPUT BTU(1000BTU/H=293W)	1365.19
FAN NUMBER	2
NOISE@25°C(dBA)	37.5
MTBF(H)	> 50,000
FORWARDING MODE	Store - Forward
FLASH (MB)	16
DRAM (MB)	128
MAC	8K
BUFFER SIZE(MB)	4.1
JUMBO FRAME	9K
TOTAL SVI	10

Product Features

VLAN
4K Active VLAN, QinQ & Selective QinQ, GVRP, Private VLAN, Voice VLAN
Spanning Tree
802.1D (STP)
802.1W (RSTP) and 802.1S (MSTP)
BPDU guard, root guard and loopback guard
Multicast
IGMP v1/v2/v3
IGMP Snooping
IGMP Fast Leave
MVR, IGMP filter
IP
Static route
RIP, OSPF
512 routing table
IPv4/v6 dual stack
DHCP Server/Client/Relay
IPv6
ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet
IPv6 neighbor discovery, Path MTU discovery
MLD V1, MLD snooping
IPv6 Static Routing, RIPng, OSPFv3
Manual tunnel, ISATAP tunnel, 6 to 4 tunnel
QoS
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

Warranty and Support

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

Visit www.raylyte.com

Ray Pte. Ltd.
ray.life | sales@ray.life
Suite #09-01, 20 Collyer Quay, Singapore 049319

