



L2+ | Web, Console | PoE | 8 x 1GE Ports | 2 x 1GE SFP Ports

PRODUCT OVERVIEW

The RL-LP-8TPS-2F Series is a state-of-the-art L2+ 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-8TPS-2F Series integrates sophisticated features such as a versatile IPv6 solution, complete security mechanisms, and dedicated 2 SFP ports for uplink, providing administrators with unparalleled control over network security, traffic management, and performance optimization.

The switch's carrier-level high reliability and support for Layer-3 routing protocols, including Static Routing, RIP, and OSPF, offer robust networking solutions for complex environments. 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-8TPS-2F exemplifies our dedication to innovative, user-centric 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 managed switch; it is a comprehensive



Key Features

- **Ethernet PoE Switch with 1GE SFP Uplink Port :** 8 GE PoE Ports, 2 x 100/1000M SFP Ports, 1 Console Port, PoE Power Budget of 130W, Fanless, 1U, Rack-Mounted Installation.
- **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:

Interface	
<ul style="list-style-type: none"> › 8 GE POE PORTS › 2 100/1000M SFP PORTS 	
Console	<ul style="list-style-type: none"> › 1 RJ45 PORT › 1 RST BUTTON
Backplane	› 20 Gbps
Forwarding rate	› 15 Mpps
Chassis	
DIMENSIONS (WXDXH)(MM)	› 280X180X44
WEIGHT(KG)(EMPTY)	› 1.6
Package	
DIMENSIONS (WXDXH)(MM)	› 346X289X92
WEIGHT(KG)	› 2.4
Power Consumption	
NO-LOAD	› <7W
FULL LOAD	› 142.5W
Power supply	
AC: 100V-240V, 50/60Hz	150W
POE POWER BUDGET	130W
TOTAL OUTPUT BTU (1000BTU/H=293W)	511.95
FAN NUMBER	N/A
NOISE@25°C(dBA)	0
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

Features:

VLAN	<ul style="list-style-type: none"> › 4K Active VLAN, QinQ & Selective QinQ, GVRP, Private VLAN, Voice VLAN
Spanning Tree	<ul style="list-style-type: none"> › 802.1D (STP) › 802.1W (RSTP) and 802.1S (MSTP) › BPDU guard, root guard and loopback-guard
Multicast	<ul style="list-style-type: none"> › IGMP v1/v2/v3 › IGMP Snooping › IGMP Fast Leave › MVR, IGMP filter
IP	<ul style="list-style-type: none"> › Static route › RIP, OSPF › 512 routing table › IPv4/v6 dual stack › DHCP Server/Client/Relay
QoS	<ul style="list-style-type: none"> › 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	<ul style="list-style-type: none"> › 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	<ul style="list-style-type: none"> › Static/LACP link aggregation, › Interface backup › BVSS virtual-stacking › EAPS and ERPS › ISSU
Management	<ul style="list-style-type: none"> › Console, Telnet, SSH v1/2, HTTP › HTTPSSNMP v1/v2/v3, RMON › TFTP, FTP, SFTP › NTP, SPAN, RSPAN › ZTP(Zero Touch Provisioning)
Environment	<ul style="list-style-type: none"> › 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

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