



L2+ | Web, Console | PoE | 16 x 1GE Ports
2 x 1GE TX/SFP Combo Ports

PRODUCT OVERVIEW

The RL-LP-16TPS-2C-2F 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-16TPS-2C-2F Series integrates sophisticated features such as a versatile IPv6 solution and complete security mechanisms, 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-16TPS-2C-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 networking solution that bridges the gap between performance, security, and cost-effectiveness, enabling businesses to tackle connectivity challenges with confidence and precision. Experience the future of network connectivity with the RL-LP-16TPS-2C-2F, your partner in elevating your network's capabilities.



Key Features

- **Ethernet PoE Switch with 16 GE Ports:** 16 GE PoE Ports, 2 x GE TX/SFP Combo Ports, 2 x 100/1000M SFP Ports, 1 Console Port, PoE Power Budget of 250W, 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	16 GE POE PORTS, 2 GE TX/SFP COMBO PORTS 2 100/1000M SFP PORTS
CONSOLE	1 RJ45 PORT 1 RST BUTTON
BACKPLANE(Gbps)	40 Gbps
FORWARDING RATE(Mpps WITH 64 BYTES)	30 Mpps
CHASSIS	
DIMENSIONS (WXDXH)(MM)	440X210X44
WEIGHT(KG)(EMPTY)	2.8
PACKAGE	
DIMENSIONS (WXDXH)(MM)	555X295X88
WEIGHT(KG)	3.9
POWER CONSUMPTION	
NO-LOAD	< 15W

FULL LOAD	261.4W
POWER SUPPLY	
AC: 100V-240V,50/60Hz	265W
POE POWER BUDGET	250W
TOTAL OUTPUT BTU (1000BTU/H=293W)	892.15
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
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

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

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