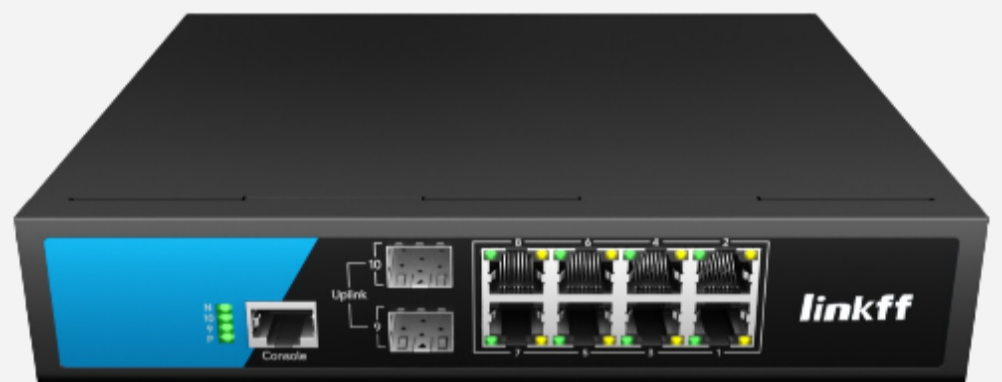


## PoE Management Switch FF-L101Q

FF-L101Q 8x 10/100/1000BASE-T ports, 2x 1000M SFP Uplinks

- Support protocol: IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z, IEEE 802.3ab
- Input Voltage AC 100-240V 50/60Hz
- Heat Dissipation Fan cooling
- Certification CCC/CE/FCC/RoHS
- ESD 8KV-15KV
- Support protocol: Web management, CLI, SNMP v1/v2/v3, RMON, STP, Spanning tree, ERPS ring network, storm control, port Isolation, IGMP Snooping, VLAN, GVRP, Protocol VLAN, Voice VLAN, MAC VLAN, ACL, QoS, port mirroring
- Support IPV4/IPV6 address management, device scan, static IPv4/IPv6 route, DHCP server, Loopback Interface

Port Number	8 Port
Port speed	1000mbp/s
PoE	PoE
PoE power	30 W
Type	Managed



## Detailed

<b>Provider Mode Ports</b>	
Port type and quantity	8 x 10/100/1000 Base-T+ 2x1000Base-X
Management Port	Support console
Power Supply	100-240V/AC
LED Indicators	PWR, Link/ACT LED
<b>Network Size - length of cable</b>	
Twisted pair (TP)	0-100m CAT5e, CAT6
Single mode Fiber (SMF)	20/40/60/80/100KM
Multimode Fiber (MMF)	550m
<b>Network Topology</b>	
Ring topology	Support
Star topology	Support
Bus topology	Support
Tree Topology	Support

Hybrid topology	Support
<b>Electrical Specifications</b>	
Input voltage	AC 100-240V 50/60Hz
Power consumption	□120W
Main board power	□10W
<b>PoE Support</b>	
PoE port	1-8
PoE Protocol	802.3af□802.3at
Pin Assignment	1,2+; 3,6-
PoE Management	Support
<b>Layer 2 Switching</b>	
Switching capacity	20Gbps
Packet forwarding rate	14.88Mpps
MAC address table	8K
Buffer	4.1M
Forwarding delay	<10us
MDX/MIDX	Support
VLAN	256
GVRP VLAN	Support
Protocol VLAN	Support
Voice VLAN	Support
Surveillance VLAN	Support
MAC VLAN	Support
Ethert channel/ 802 .3ad	Support
LACP	Support
Interface Speed	Support
Duplex Mode	Support
Flow Control	Support
Jumbo frame	Support
DHCP Client	Support
SNTP Client	Support
Port Statistics	Support
Protected Ports	Support
EEE	Support
Ethernet Ring Protection Switching	Support
LLDP	Support
LLDP 802.1 TLV	Support
MSTP / RSTP / STP	Support
STP BPDU Filter	Support
STP BPDU guard	Support
STP Port Fast	Support
IGMP Snooping	Support
MLD Snooping	Support
MVR	Support
<b>Layer 3 Route</b>	
IPV4 management	Support
IPV6 management	Support
Static Routes IPv4	32
Static Routes IPv6	32
ARP	Support
Loopback Interface	Support
DHCP Server	Support
DNS Server	Support
DNS Client	Support
<b>Convergence</b>	

ACL	Support MAC Standard/Extended ACL Support IPV4 Standard/Extended ACL Support IPV6 Standard/Extended ACL
QoS	Support QoS Remarking Support Port Trust Support Port bandwidth Support egress queuing bandwidth Support SP□WRR Support COS□DSCP□IP Priority
<b>Management</b>	
User Management	Support
System Log	Support
Upgrade Firmware	Support
Configuration File Download/Upload	Support
SNMP	Support SNMP V1/V2/V3
WEB	Support
Console	Support
CLI	Support
Telnet/SSH	Support
RMON	Support
<b>Security</b>	
management channel configuration	Support
AAA	Support
802.1X	Support
MAC-Based	Support
WEB-Based	Support
DoS	Support
ARP	Support
DHCP Snooping	Support
IP Source Guard	Support
Port Security	Support
Protected Ports	Support
Storm control	Support
<b>Equipment diagnosis</b>	
Console log	Support
RMA log	Support
Flash log	Support
Port mirroring	Support 1:1 or 1:M
Ping	Support
Traceroute	Support
Copper port test	Support
SFP transceiver information	Support
UDLD protocol	Support
<b>Environment</b>	
Operate temperature	-10°C to 50°C
Storage temperature	-40°C to 85°C
Relative humidity	10% to 90% RH
Heat Dissipation Method	Fanless, natural cooling
MTBF	100,000H
<b>Mechanical Dimensions</b>	

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Dimensions (WxHxD)	220*161*44mm
Mounting	Desktop
Weight	1kg
<b>EMC &amp; INGRESS PROTECTION</b>	
Surge protection of Power	Common mode 6KV; differential mode: 4KV
Surge protection of Ethernet	Common mode 6KV; differential mode: 4KV
Electrostatic discharge (ESD)	8 kV contact discharge □ 15 kV air discharge
Free fall	0.5m
<b>Accessories</b>	
Accessories	Device, Power cord, User manual