

IL-M2900 Series

PoE+ Managed Switch

PRODUCT OVERVIEW

The IL-M2900-24P and IL-M2900-48P are the flagship edge PoE switches from Ironlink combining a rich feature set with a value price point.

Designed to be the everyday edge PoE switch with PoE+ power, Gigabit speed and web managed features.

IL-M2900-24P / IL-M2900-48P



KEY FEATURES

- PoE+ Power 802.3af/802.3at
- Easy VLAN setup
- Complies with CE & FCC
- SFP+ Gigabit Uplink
- 802.1x
- 5 Year limited hardware warranty*

IL-M2900-24P

- 24x GE PoE
- 4x 10G SFP+ Ports

IL-M2900-48P

- 48x GE PoE ports
- 6x 10G SFP+ Ports

ORDERING INFORMATION

IL-M2900-24P

Ethernet PoE switch with 24 GbE PoE+ ports, 4x 10G SFP+ ports, 1 Console Port, 370W PoE Budget, AC power supply, 1U rack-mount install kit

IL-M2900-48P

Ethernet PoE switch with 48 GbE PoE+ ports, 6x 10G SFP+ combo uplink ports, 1 Console Port, 760W PoE Budget, AC power supply, 1U rack-mount install kit

VLAN

- 4K Active VLAN,
- QinQ & Selective QinQ, GVRP, Private VLAN

Spanning Tree:

- 802.1D (STP),
- 802.1W(RSTP) and 802.1S(MSTP)

IP

- Static route
- OSPF
- 512 routing table
- IPv4/v6 dual stack
- DHCP Server/Client/Snooping

Reliability

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

Multicast:

- IGMP v1/2/3 · IGMP Filter
- IGMP Snooping · IGMP Fast Leave
- MVR

QoS

- CAR, HQoS, MAC/IP/TCP/UDP/ VLAN/ COS/DSCP/TOS based
- QoS, 802.1P/DSCP priority re-labeling, SP, WRR.
- Tail-Drop, WRED, flow monitoring and traffic shaping

Management

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

Environment

- Operating temperature/humidity: 32°F to 122°F (0°C to 50°C), 10%-90% non-condensing
- Storage temperature/humidity: -4°F to 158°F (-20°C to 70°C), 5%-95% non-condensing

Certification:

- CE, FCC, ROHS

Included Accessories:

- Power cord
- 1U rack mount kit
- Console cable



PRODUCT SPECIFICATIONS

Switch:	IL-M2900-24P	IL-M2900-48P
Interface:	24x GE PoE ports, 4x 10G SFP+ ports	48x GE PoE ports, 6x 10G SFP+ ports
Console:	1 RJ45 port	1 RJ45 port
Backplane:	128 Gbps	216 Gbps
Forwarding Rate:	26 Mpps	162 Mpps
Chassis Dimensions: (WxDxH) (mm)	440x210x44	440x280x44
Package Dimensions: (WxDxH) (mm)	555x295x88	576x448x94
Package Weight: (KG) (empty)	4.1	6.1
Power Consumption:	5 - 405W	8 - 792W
Power Supply: (AC: 100V-240V,50Hz±10%)	410W	800W
POE Power Budget	370W	760W
Total Output BTU: (1000BTU/H=293W)	1392.49	1535.84
Fans:	2	2
MTBF: (H)	>200,000	>200,000
Forwarding Mode:	Store-forward	
Flash: (MB):	16	
DRAM: (MB)	256	512
MAC:	16K	32K
Buffer Size: (MB)	1.5	1.5
Jumbo Frame:	9K	