

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
- SFP+ Gigabit Uplink
- Easy VLAN setup
- 802.1x

- Complies with CE & FCC
- 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 | IL-M2900-48P | |
| 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 | 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 | |

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FEATURES



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
- \cdot 512 routing table
- · IPv4/v6 dual stack
- · DHCP Server/Client/Snooping

Reliability

- · Static/LACP link aggregation,
- Interface backup
- \cdot 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
- \cdot QoS, 802.1P/DSCP priority re-labeling, SP, WRR.
- \cdot Tail-Drop, WRED, flow monitoring and traffic shaping

Management

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

Environment

• Operating temperature/humidity: 32°F to 122°F (0°C to 50°C), 10%-90% noncondensing

• Storage temperature/humidity: -4°F to 158°F (-20°C to 70°C), 5%-95% noncondensing

Certification:

· CE, FCC, ROHS

Included Accessories:

- · Power cord
- \cdot 1U rack mount kit
- \cdot 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 | 32К |
| Buffer Size: (MB) | 1.5 | 1.5 |
| Jumbo Frame: | 9K | |