IRON LINK®

IL-M2928-24F-2AC
IronLink 24 Port SFP 1GE Switch

PRODUCT OVERVIEW

The IL-M2928-24F-2AC is a feature rich 24 Port SFP Switch with 10GE SFP+ uplinks that is perfect for supporting workloads that require 1GE core switching. Perfect for small deployments and to aggregate fiber connections.

Professional grade system, with dual power supplies and 10GbE uplinks, capable of handling workloads while maintaining high uptime.

KEY FEATURES

- 16 SFP GE Ports

- 8 Combo GE BaseT / SFP Ports

- 4 10GE/GE SFP+ ports

- Redundant Power Supplies

- Link Aggregation

- Failover Port Links

- Complies with CE & FCC

- 5 Year Limited Hardware Warranty*

FEATURES

VLAN:
· 4K Active
· VLAN
· QinQ & Selective QinQ
· GVRP
· Private VLAN

Spanning Tree:
· 802.1D (STP)
· 802.1W (RSTP) and 802.1S (MSTP)

Multicast:
· PIM-SM, PIM-DM,
· IGMP v1/v2/v3,
· IGMP Snooping,
· IGMP Fast Leave,
· MVR, IGMP filter

IPv4:
· Static routing, RIP v1/v2,
· OSPF, BGP, PBR, ECMP
· BFD for OSPF, BGP

MPLS:
· Multi-VRF

IPv6
· ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet
· IPv6 neighbor discovery, Path MTU discovery
· MLD V1/V2, MLD snooping
· IPv6 Static Routing, RIPng, OSPFv3, BGP4+
· Manual, ISATAP, & IPv6 to IPv4 tunnel

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 Binding
· IEEE 802.1x, Radius and BDTacacs+ L2/L3/L4 ACL flow identification and filtration Anti-attack from
· DDoS, TCP's SYN Flood, UDP Flood
· MD5, SHA-256, RSA-1024, AES256

Reliability
· Static/LACP link aggregation
· Interface backup
· BVSS virtual-stacking
· EAPS and ERPS
· URPF, LLDPISSU
· VRRP
· 1+1 power backup
· Hot patch

Management:
· Console, Telnet, SSH v1/2, HTTP
· HTTPS
· SNMP v1/v2/v3, RMON
· TFTP, FTP, SFTP
· NTP, SPAN, RSPAN
· Syslog
· NTP
· LLDP

MPLS:
· Multi-VRF

Certifications:
· CE, FCC, ROHS

PRODUCT SPECIFICATIONS

Switch:	IL-M2928-24F-2AC
Interface:	16 100/1000M SFP 8 GE SFP/TX combo 4 10GE/GE SFP+
Console:	1 RJ45 Port
Backplane:	128 Gbps
Forwarding Rate:	96
Chassis Dimensions: (WxDxH) (mm)	440x280x44
Package Dimensions: (WxDxH) (mm)	576x448x94
Package Weight: (KG)	5.2
Power Consumption:	< 18W - < 38W
Power Supply: (AC: 100V-240V,50Hz±10%)	45W
Total Output BTU: (1000BTU/H=293W)	153.58
POE Power Budget:	N/A
MTBF: (H)	>200,000
Forwarding Mode:	Store-forward
Flash: (MB):	16
DRAM: (MB)	256
MAC:	16K
Buffer Size: (MB)	1.5
Jumbo Frame:	9k

Please refer to the website or reach out to your rep for the latest on products, specs and upcoming product releases at
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