



# 24-PORTS MANAGED SWITCHES LN-2324G-4XGF LN-2324GP-4XGF

To stay ahead in a competitive marketplace, small businesses need to make every dollar count. That means getting the most value from your technology investments, but it also means making sure that employees have fast, reliable access to the business tools and information they need.



## Product Highlights

- Easy Deployment and Use
- Strong Security
- Power Efficiency
- Full Layer 2+ feature set with Marvell ROS

Every minute an employee waits for an unresponsive application – and every minute your network is down – has an impact on your bottom line. The importance of maintaining a strong and dependable business network only grows as your business adds more employees, applications, and network complexity.

This switch series is the latest generation of Web-Smart switch, these switches are purposely

designed and optimized for network performance, operational cost, ease of management and reliability for small and medium business (SMB) market. New generation of Switch series provide 24 port configurations with high performance, various management tools, and rich and powerful L2 features including Power over Ethernet (PoE), and this series is also an ideal access-edge solution.

## SWITCH FEATURES

- Open Flow support
- Up to 8 units' stack
- Advanced QoS
- Full Layer 2+ software support

## SWITCH OPTIONS

- POE+/no POE
- Power budget
- 1 Gb. Uplink SFP/10 Gb. Uplink SFP+

# HARDWARE SPECIFICATION

Function/parameter	24x1G + 4xSFP/SFP+	24x1G + 4xSFP/SFP+ w/24xPOE+
Marvell Chipset.....	98DX226S.....	98DX226S
FLASH.....	128 MB.....	128 MB
RAM.....	512 MB.....	512 MB
FANs.....	NA.....	2
PSU.....	20W.....	440W
POE budget.....	NA.....	400W
Case.....	440*245*44mm.....	440*245*44mm
LED Indicators.....	PWR, SYS, Link/ACT LED.....	PWR, SYS, Link/ACT LED
Operating Temperature.....	-25°C~+60°C.....	-25°C~+60°C
MTBF.....	100,000h.....	100,000h
Weight.....	2.8KG.....	3.5KG
Copper ports 1Gb/s.....	24.....	24
SFP/ SFP+.....	4.....	4
Other Ports.....	Console,OOB(optional) USB 2.0	Console,OOB (optional) USB 2.0

## Marvell ROS SOFTWARE FEATURES

MAC-Based VLANs

Voice VLAN

Multicast TV VLAN

Triple Play, MVR

Q-in-Q, Selective Q-in-Q

Multicast Bridging Mode

Static Multicast Groups

IGMP Snooping

MLD Snooping

Flooding of Unregistered Multicast Frames

Per-device Spanning Tree

Rapid Spanning Tree

Multiple Spanning Tree

STP Root Guard

BPDU Filtering

STP BPDU Guard

Per-device Loopback Detection (LBD)

LACP

LAG Balancing

Static and Dynamics (DHCP/BootP) IP assignment

DNS Client

IPv6 Host

Dual Stack

ISATAP Tunneling

MAC-based Port Security (Locked Port)

802.1x Port-Based Authentication

Time Based 802.1x

Guest VLAN

Unauthenticated VLANs

802.1x - MAC Authentication

Action-on-Violation

Flow Monitoring (sFlow)

RADIUS Remote Authorization and Authentication

RADIUS Accounting

TACACS+

DHCP Snooping

IP Source Address Guard

ARP Inspection

DoS Attack Prevention

SSL

SSH

QoS Across the Stack

QoS statistics

Egress Rate Limiting (Shaping)

Ingress Rate Limiting

Packet Storm Control

Dynamic VLAN Assignment