

## OVERVIEW

The Smart-Series switches provide an affordable solution for SOHOs and Small and Medium Business as well as enterprise deployment, such as in branch offices and meeting rooms that require simple network management. The SNS1124-P comes in a compact desktop-sized metal case, and provides 24 Gigabit ports.



## BENEFITS

- Fully layer 2 connectivity.
- Green Power
- Industry-standard protocols that provide interoperability with legacy switches and routers.
- Easy in Deployment and troubleshooting.
- Wire-Speed Performance for 10/100/1000 Connectivity.
- AC and DC power.

## CHARACTERISTICS

Switching capacity: 32 Gbps

Maximum forwarding rate: 23.81 Mpps

Packet Buffer: 512KB

MAC: 8k

System Memory: 128KB

Flash: 8MB

Remote configuration and management

Secure and easy-to-use graphical interface for configuring the module via HTTP

Facilitate centralized discovery, monitoring, and secure management through SNMPv1, v2c, and v3

PoE IEEE802.3af and IEEE 802.3at 15.4W per port up 30W

Interface	24 10/100/1000 Base-T
Switching Capacity	48 Gbps
Forwarding Capacity	35.71 Mpps
Packet Buffer Size	512KB
Switching Chip	BCM53334
CPU	ARM embedded
CPU Clock Rate	150MHz
System Memory	128KB
Flash Memory	8MB
Input Voltage	100V ~ 240V AC ° 50Hz ~ 60Hz
Weight	1.74Kg
Dimension (W x D x H)	280 x 180 x 44 (mm)
Airflow	Fanless
Operating Temperature	-5 ~ 50°C
Operating Humidity	-5 ~ 50°C
MAC Table	8K
Flow Control	802.3x
Jumbo Frame	9216 Bytes

## SNS2124-P

Smart-Series Access Switch

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### Link Aggregation

802.3ad with LACP

Max Number of Group

-N1-8016:8

-N1-8024:12

-N1-8074

- Unicast/Multicast traffic balance

### Spanning Tree

- IEEE802.1D

- IEEE802.1w

### Storm Control

- Broadcast

- Unknown Multicast

- DLF (Unknown unicast)

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### IGMP Snooping

- IGMP Snooping v1/v2

- IGMP Snooping v3 awareness

- IGMP v1/v2 querier support

### Management

Web Based GUI

Management VLAN

Software upload/download

using HTTP

BOOTP Client

DHCP Client

SNTPv4

IEEE802.1AB,LLDP

Port Mirroring

-SPAN: one to one, many to-one

Cable Diagnostics

Loop Detection

### QoS Feature

Number of priority queue: 4

Scheduling

- WRR

- Strict Priority

- Hybrid (WRR+Strict Priority)

COS

- 802.1p based COS

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### Security

-DoS Attack Prevention

### Green

-IEEE802.3az, Energy Efficient Ethernet