

Smart-Series Access Switch SNS1116

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 SNS116 comes in a compact desktop-sized metal case, and provides 16 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

Interface	16 10/100/1000 Base-T
Switching Capacity	32 Gbps
Forwarding Capacity	23.81 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	1.71Kg
Dimension (W x D x H)	280 x 180 x 44 (mm)
Airflow	Fanless
Operating Temperature	-5 ~ 50°C
Operating Humidity	5% ~ 95% Non condensing
MAC Table	8K
Flow Control	802.3x
Jumbo Frame	9216 Bytes

Smart-Series Access Switch

SNS1116

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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Security

-DoS Attack Prevention

Green

-IEEE802.3az, Energy Efficient Ethernet

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