

NS3500-24T-4C-V2

24-Port Gigabit + 4 SFP Slots Managed Switch

Overview

This Enterprise-Class Network Switch provides 24 Gigabit Ethernet ports with 4 shared 100/1000Mbps SFP slots. This switch provides a high-performance switch architecture and non-blocking switch fabric capable of wire-speed throughput as high as 48Gbps.

User-Friendly Traffic Control

Designed to deliver optimal IP video transmission performance for applications with limited network resources, the NS3500-24T-4C-V2 offers user-friendly traffic management features, including quick and simple QoS configuration through a Web interface.

Quiet, Energy-Efficient Technology

Designed as a fanless switch, the NS3500-24T-4C-V2 provides a quiet, energy-efficient, high-speed network environment, delivering Gigabit performance at a cost similar to Fast Ethernet.



Details

- 24-Port 10/100/1000Base-T Gigabit Ethernet RJ-45
- 4x mini-GBIC/SFP slots, shared with Port-21 to Port-24 and compatible with S2x and S3x
- Port Mirroring (many-to-1)
- QoS with 8 priority queues on all switch ports
- IGMP Snooping v1, v2 and v3, Querier mode support
- MAC-based network access authentication
- WEB-based management
- SNMP v1, v2c and v3

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Technical specifications

General

Fast ring	No
Storm control	Broadcast, Multicast
Security	802.1x, ACL, RADIUS, Source MAC / IP address binding, TACACS+

Category

Category	Commercial
Management	Managed
Managed	Yes (Layer 2)
PoE	No

Physical ports

No. of ports	24
Port type	Gig
Speed	Gigabit
Fiber port	4 (shared)
Supported SFPs	S20/S25 series, S30/S35 series
SFP speed	100/1000

Switch Performance

Switch fabric	48 Gbps
Throughput (Mpps)	35.7
Mac table	8 K
Jumbo frame support	10 K

Layer 2 Functions

Management interface	Console, Web, Telnet, SNMP 1,2,3, SSH/SSL secure access
IGMP snooping	255 Group, Snooping v1, v2, v3
IGMP query	Yes
VLAN, QoS	255, yes
Access control list	256 entries

Electrical

PoE power budget	-
Redundant power	No
Power supply type	100 to 240 VAC
Power consumption	30 W

Physical

Physical dimensions	440 x 200 x 44 mm
Net weight	2.3 kg
Colour	Black
Mounting type	19" rack
Stackable	No

Environmental

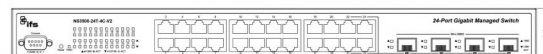
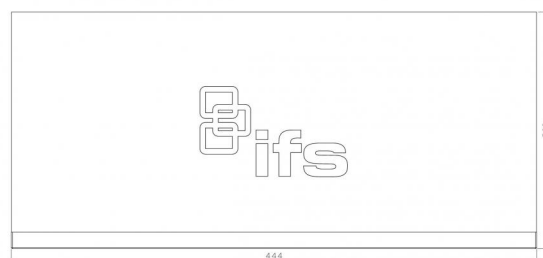
Operating temperature	0 to 50°C
Storage temperature	-20 to 70°C
Relative humidity	0 to 95% (non-condensing)
Environment	Indoor

Standards & regulation

Compliance	CE, FCC Part 15 Class A
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IEEE Standards

Standards Compliance :	IEEE 802.3 10Base-T
Standards Compliance :	IEEE 802.3u 100Base-TX/100Base-FX
Standards Compliance :	IEEE 802.3z Gigabit SX/LX
Standards Compliance :	IEEE 802.3ab Gigabit 1000Base-T
Standards Compliance :	IEEE 802.3x Flow Control and Back pressure
Standards Compliance :	IEEE 802.3ad Port trunk with LACP
Standards Compliance :	IEEE 802.1d Spanning Tree Protocol
Standards Compliance :	IEEE 802.1w Rapid Spanning Tree Protocol
Standards Compliance :	IEEE 802.1s Multiple Spanning Tree Protocol
Standards Compliance :	IEEE 802.1p Class of Service
Standards Compliance :	IEEE 802.1Q VLAN Tagging
Standards Compliance :	IEEE 802.1x Port Authentication Network Control
Standards Compliance :	IEEE 802.1ab LLDP
Standards Compliance :	RFC 768 UDP
Standards Compliance :	RFC 793 TFTP
Standards Compliance :	RFC 791 IP
Standards Compliance :	RFC 792 ICMP
Standards Compliance :	RFC 2068 HTTP
Standards Compliance :	RFC 1112 IGMP version 1
Standards Compliance :	RFC 2236 IGMP version 2
Regulation Compliance :	FCC Part 15 Class A, CE
Safety :	UL, cUL



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Last updated on 17 March 2020 - 11:50