NS4700-24T-4X

Enterprise-class 24-port Gigabit Switch with 4-10G uplink

Overview

This Enterprise-Class Network Switch provides 24 Gigabit Ethernet ports with 4 100/1000/10,000Mbps SFP slots. This switch provides a high-performance switch architecture and non-blocking switch fabric capable of wire-speed throughput as high as 95.23Gbps.

User-Friendly Traffic Control

Designed to deliver optimal performance for applications with limited network resources, the NS4700-24T-4X offers user-friendly traffic management features, including quick and simple QoS configuration through a Web interface.

Quiet, Energy-Efficient Technology

The NS4700-24T-4X provides a quiet, energy-efficient, high-speed network environment, delivering Gigabit performance at a cost similar to Fast Ethernet.



Szczegóły

- 24-ports Gigabit Ethernet RJ-45
- 4 SFP/SFP+ slots for 10G Uplinks - compatible with S2x, S3x and S4x Series SFPs
- Port Mirroring (many-to-1) Up to 4 sessions
- QoS 8 mapping IDs to 8 level priority queues
- IGMP Snooping v2 and v3, Querier mode support
- MAC-based network access authentication
- WEB-based management
- SNMP v1, v2c and v3

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Specyfikacja techniczna

General

Fast ring	Sí (ERPS)
Storm control	Broadcast, Multicast
DHCP snooping	Yes
Fault relay output	No

Category

Category	Comercial, Enterprise
Management	Managed
Managed	Yes (Layer 2)
PoE	No

Physical ports

No. of ports	24
Port type	Gig
Speed	Gigabit
Fiber port	4 SFP/4 SFP+
Supported SFPs	Series S20/S25, Series S30/S35, Serie S40
SFP speed	24 x 100/1000 y 4 x 10G

Switch Performance

Switch fabric	128 Gbps
Throughput (Mpps)	95.23
Mac table	16 K
Jumbo frame support	12 K

Layer 2 Functions

Management interface	Web, Telnet, SNMP 1,2c,3 SSHv2 TLS v1.2, SNMP v3
IGMP snooping	256 Group, Snooping v2, v3
IGMP query	Yes
Access control list	256 entries

Electrical

Redundant power	No
Power supply type	100 to 240 VAC
Power consumption	25.7 watts

Physical

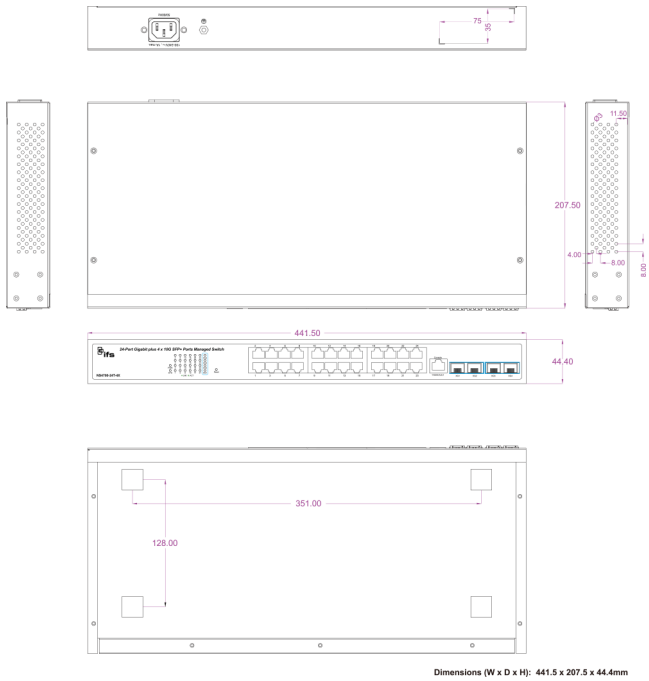
Physical dimensions	440 x 207 x 44 mm, 1U height
Net weight	2.7 kg
Colour	Black
Material	Metal
Mounting type	19" rack
Stackable	No

Environmental

Operating temperature	0 to 50°C
Storage temperature	-20 to 70°C
Relative humidity	5 to 95% (non-condensing)
Environment	Indoor

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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