# NS4703-24P-4X

**Enterprise-class 24-port Gigabit backbone network switch with PoE+, 4-10G uplinks**

## 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.

## Powerful PoE+ Support

The NS4702-24P-4X-V2 features IEEE 802.3at Power over Ethernet (PoE+) and up to 400 Watts of PoE budget providing optimized deployment and power management of PoE edge devices such as IP Surveillance cameras. access control panels and wireless access points.



## Szczegóły

- 24-ports Gigabit Ethernet RJ-45 with PoE+
- 4 SFP/SFP+ slots for 10G Uplinks - compatible with S2x, S3x and S4x Series SFPs
- PD Alive Checking
- Up to 128Gbps non-blocking switch fabric
- MAC-based network access authentication
- WEB-based management
- 16K MAC address table
- VLAN Support - up to 256 VLANs groups
- Power over Ethernet
- Up to 370 Watts PoE Power Budget

# NS4703-24P-4X

## Enterprise-class 24-port Gigabit backbone network switch with PoE+, 4-10G uplinks

## Specyfikacja techniczna

### General

| | |
|---|---|
| Fast ring | Yes (ERPS) |
| Storm control | Broadcast, Multicast, Unicast |
| Fault relay output | No |

### Category

| | |
|---|---|
| Category | Commercial, Enterprise |
| Management | Managed |
| Managed | Yes (Layer 2) |
| PoE | Yes |

### Physical ports

| | |
|---|---|
| No. of ports | 24 |
| Speed | Gigabit |
| PoE/PoE+ | PoE+ |
| Fiber port | 4 SFP/4 SFP+ |
| Supported SFPs | S20/S25 series, S30/S35 series, S40 series |
| SFP speed | 24 x 100/1000 and 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 | Console, Web, Telnet, SNMP v1, v2c, v3 SSHv2 TLS v1.2, |
| IGMP snooping | 256 Group, Snooping v2, v3 |
| IGMP query | Yes |
| VLAN, QoS | 256, yes |
| Access control list | 256 entries |

### Electrical

| | |
|---|---|
| PoE power budget | 370 watts max |
| Redundant power | No |
| Power supply type | 100 to 240 VAC |
| Power consumption | 14.5 watts/49.4 BTU (System)<br>425 watts/ 1449 BTU (System+PoE) |

### Physical

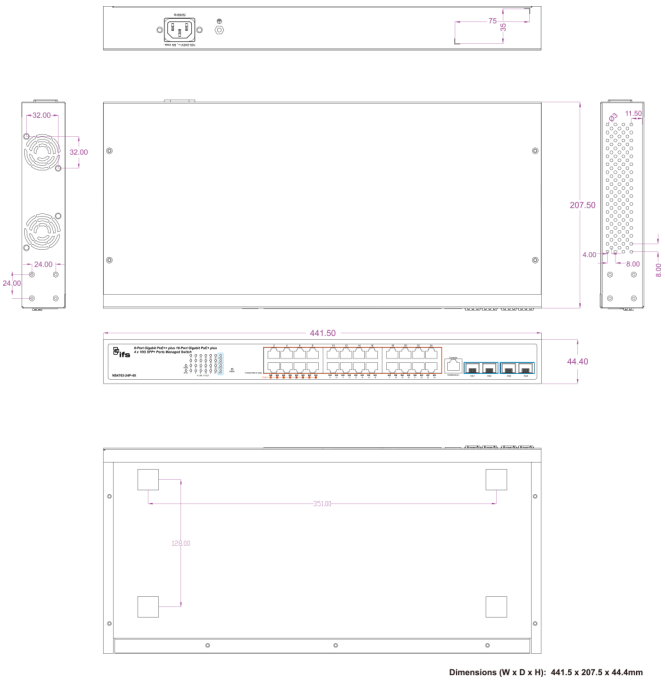
| | |
|---|---|
| Physical dimensions | 440 x 207 x 44 mm, 1U height |
| Net weight | 3.45 kg |
| Colour | Black |
| Material | Metal |
| Mounting type | 19" rack |
| Stackable | No |

### 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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