

# NS3702-24P-4S-V2

## Enterprise-class 24-port Gigabit Backbone Network Switch with PoE+ and Static Routing

### Overview

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This enterprise-class network switch is engineered to meet a variety of high-performance applications such as PoE distribution, optical network architectures, and high-density performance through reliable technology and advance Layer 2+ networking features.

### Management in TruVision® Navigator

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The NS3702-24P-4S-V2 simplifies management of your IP video system by providing integration into TruVision Navigator 8.0 and above.

The NS3702-24P-4S-V2 can provide information to TruVision Navigator such as ONVIF tables of cameras, bandwidth usage per port and POE power control making installation and management IP Video systems simpler and effortless.

### Full Power Isolated per Port PoE+

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The NS3702-24P-4S-V2 features IEEE 802.3at Power over Ethernet (PoE+) providing optimized deployment and power management of PoE edge devices such as IP Surveillance cameras, access control panels and wireless access points (WAP). In addition, PoE port circuit protection isolates and prevents power interference between ports.

### Static Routing

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The NS3702-24P-4S-V2 supports static routing tables allowing for complex system architectures. Traffic can be routed across different domains or between different VPN. This allows flexible network design and greater control of network traffic, essential for modern IP CCTV systems.



### Details

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- 24-ports Gigabit Ethernet RJ-45 with PoE+
- Supported in TruVision Navigator 8 - Discover devices, monitor port utilisation, control PoE power
- 4 SFP slots shared with Ports 21 to 24 - compatible with S2x and S3x SFP's
- Support for Static Routing
- Up to 48Gbps non-blocking switch fabric
- 10Kbytes Jumbo Frame Size
- 8K MAC address table
- Full Multicast Support for IP Video - up to 256 multicast groups
- VLAN Support - up to 256 VLANs groups
- Quality of Service (QoS)
- Power over Ethernet
- Complies with IEEE 802.3at Standard for PoE
- 380 Watt Power Budget
- Auto-detects PoE powered devices (PD)
- Advanced Security
- MAC Filtering and Source IP/MAC address port-binding

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### Technical specifications

#### General

Fast ring	No
Storm control	Broadcast, Unicast
Security	802.1x, IP-MAC port binding, RADIUS, TACACS+
DHCP snooping	No
Fault relay output	No

#### Category

Category	Commercial
Management	Managed
Managed	Yes (Layer 3 - Limited)
PoE	Yes

#### Physical ports

No. of ports	24
Port type	Gig
Speed	Gigabit
PoE/PoE+	24 port PoE/12 port PoE+
Fiber port	4
Supported SFPs	S20/S25 series, S30/S35 series
SFP speed	100/1000

#### Switch Performance

Switch fabric	48 Gbps
Throughput (Mpps)	35.7
Mac table	16 K
Jumbo frame support	10 K

#### Layer 2 Functions

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

#### Electrical

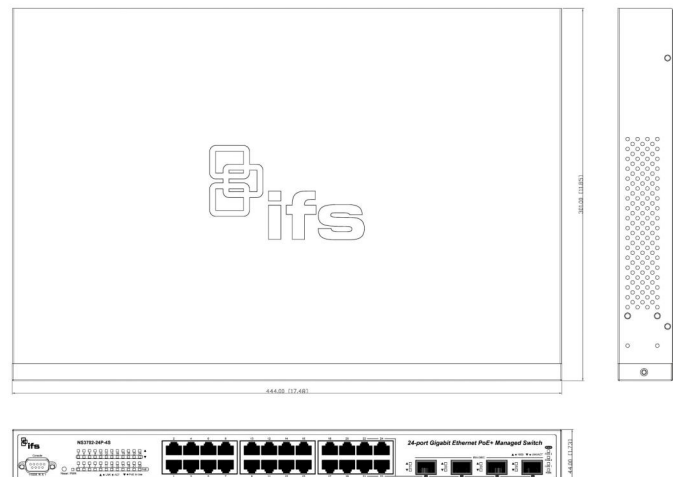
PoE power budget	380 W
Redundant power	No
Power supply type	100 to 240 VAC
Power consumption	422 W

#### Physical

Physical dimensions	440 x 200 x 44 mm
Net weight	4.750 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



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