

## Netgear Prosafe FS752TP 48-Port 10/100/1000 Smart POE Switch

Product Name: Netgear Prosafe FS752TP 48-Port 10/100/1000 Smart POE Switch

Manufacturer: -

Model Number: FS752TP

Please Note: This product has been discontinued.

Netgear Prosafe FS752TP 48-Port 10/100/1000 Smart POE Switch

Advanced Performance for Power-over-Ethernet Networks As small and mid-sized enterprises add Voice-over-IP (VoIP) telephones, wireless access points (APs) and IP-based surveillance cameras to their networks, Power-over-Ethernet (PoE) switches are becoming the mission-critical centerpiece for advanced deployments.

The NETGEAR ProSAFE 52-port 10/100 Fast Ethernet PoE Smart Switch with 4 Gigabit Uplink Ports (FS752TP) is a reliable, affordable and simple solution for supporting 48 IEEE 802.3af PoE devices. Four of the 48 ports support PoE Plus devices for high-power needs such as video phones and 802.11n APs. The ProSAFE FS752TP is a smart switch, with intuitive web-based management for quick and easy set up and configuration.

Designed to grow with a business, the switch has a powerful feature set including Access Control Lists (ACL), static routing, 802.1x port authentication, enhanced QoS, rate limiting and IGMP snooping. Four dedicated gigabit ports support high-speed uplinks or fiber connectivity. The switch is also energy efficient, with many power-saving features, and is protected by the NETGEAR ProSAFE limited lifetime warranty.

NETGEAR ProSAFE FS752TP Key Features

• 48 PoE-capable ports with PoE Plus supports on the first 4 ports

• Packaged with enterprise-class features such as static routing, Access control and multicast management

• Cost-effective solution for large VoIP and video surveillance deployments

NETGEAR ProSAFE FS752TP Technical Specifications

Network Protocol and Standards Compatibility

• IEEE 802.3 10BASE-T

• IEEE 802.3u 100BASE-TX

• IEEE 802.3ab 1000BASE-T

• IEEE 802.3z 1000BASE-X

• IEEE 802.3x full-duplex flow control

• IEEE 802.3af (Power over Ethernet)

• IEEE 802.3at (Power over Ethernet Plus) for the first 4 ports

Power Supply

• Power consumption: 539W maximum

• 100-240VAC/50-60-Hz universal input

• PoE budget: 384W

Network Ports

• 48 10/100 Mbps auto sensing Fast Ethernet

• 4 10/100/1000 Mbps auto-sensing gigabit Ethernet switching ports (RJ-45)

• 2 Dual Personality SFP slots

## Netgear Prosafe FS752TP 48-Port 10/100/1000 Smart POE Switch

### Physical Specifications

Dimensions: (w x d x h) 440 x 316 x 43mm (17.3 x 12.4 x 1.7 in)  
Weight: 4.87 kg (10.74 lb)

### Electromagnetic Emissions

CE EN 55022, EN 61000 and EN 55024  
FCC Part 15 Class A  
VCCI Class A  
C-Tick  
KC  
CCC

### Environmental Specifications

Operating temperature: 32° to 122° F (0° to 50° C)  
Storage temperature: -4° to 158° F (-20° to 70° C)  
Operating humidity: 90% maximum relative humidity, non-condensing  
Storage humidity: 95% maximum relative humidity, non-condensing  
Operating altitude: 10,000 ft (3,000 m) maximum  
Storage altitude: 10,000 ft (3,000 m) maximum

### LEDs

Per port (10/100 and Gigabit): Link/ activity, speed  
Per device: Power, Fan, PoE Max, LED Mode  
Per PoE port: PoE Power, PoE fault

### System Requirements

Category 5 UTP Network cables or above  
Network card for each PC  
Network software (e.g., Windows®)  
Web browser (e.g., Internet Explorer &dash; 6.0 or higher, Netscape 6.0 or higher)

### Administrative Switch Management

&dash; IEEE 802.1Q static VLAN (128 groups, static)  
IEEE 802.1p Class of Service (CoS)  
Port-based QoS  
DSCP-based QoS  
DiffServ  
IEEE802.3ad link aggregation (manual or LACP)  
IEEE 802.1D Spanning Tree Protocol (STP)  
IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)  
IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)  
IEEE 802.1ab Link Layer Discovery Protocol (LLDP)  
LLDP-MED  
SNMP v1, v2c, v3  
RFC 1213 MIB II  
RFC 1643 Ethernet interface MIB  
RFC 1493 bridge MIB

## Netgear Prosafe FS752TP 48-Port 10/100/1000 Smart POE Switch

- RMON group 1, 2, 3, 9
- RFC 2131 DHCP client
- Voice VLAN
- Auto-VOIP
- DHCP Filtering
- Auto denial-of-service (DoS) protection
- HTTP and HTTPS
- Ping and traceroute
- Power saving when link down
- IEEE 802.1x
- Port-based security by locked &ndash; MAC addresses
- IP and MAC ACL
- Storm control for broadcast, multicast and unknown unicast packets
- IGMP snooping v1/v2/v3
- Protected Port
- PoE Timer
- Port-based ingress and egress rate &ndash; limiting
- SNMP
- Port mirroring support (many to one)
- Static Routing (support for up to 10 static routes)
- Web-based configuration
- Configuration backup/restore
- Password access control
- RADIUS Support
- TACACS+ support
- Syslog
- Firmware upgradeable
- Cable test

### Performance Specifications

- Forwarding modes: Store-and-forward
- Bandwidth: 17.6 Gbps
- Network latency: <math>20\mu\text{s}</math> for 64-byte &ndash; frames in store-and-forward
- mode for 100 Mbps to 100 Mbps transmission
- Buffer memory: 1.5 MBytes per system
- Address database size: 4,000 media access control (MAC) addresses per system
- Addressing: 48-bit MAC address
- Mean time between failures (MTBF): 230,731 hours at 25C (~26.4 years)
- Acoustic noise: 34.5 dBA

### Modules

- AGM731F 1000BASE-SX SFP Module
- AGM732F 1000BASE-LX SFP Module
- AGM733 1000BASE-ZX SFP Module
- AFM735 100BASE--FX SFP LC Module

### Warranty and Support

- ProSafe Lifetime Warranty&dagger;
- ProSupport 24x7 Advanced Technical Support, 1 year (included)\*
- ProSupport&trade; Service Packs Available

## Netgear Prosafe FS752TP 48-Port 10/100/1000 Smart POE Switch

### Package Contents

- 1 52-port PoE Smart Switch with 4 Gigabit Ports (FS752TP)
- 1 Rubber footpads
- 1 Power cord
- 1 Rack-mount kit
- 1 Resource CD
- 1 Installation guide

**Please Enquire**

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