

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.

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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

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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 – 6.0 or higher, Netscape 6.0 or higher)

Administrative Switch Management

• – 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

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- 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 – 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 – 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: μs for 64-byte – 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†
- ProSupport 24x7 Advanced Technical Support, 1 year (included)*
- ProSupport™ Service Packs Available

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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
