

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

½ Dimensions: (w x d x h) – 440 x 316 x 43mm (17.3 x 12.4 x 1.7 in)
½ Weight: 4.87 kg (10.74 lb)

Electromagnetic Emissions

½ CE EN 55022, EN 61000 and EN 55024
½ FCC Part 15 Class A
½ VCCI Class A
½ C-Tick
½ KC
½ CCC

Environmental Specifications

½ Operating temperature: 32° to 122° F – (0° to 50° C)
½ Storage temperature: -4° to 158° F – (-20° to 70° C)
½ Operating humidity: 90% maximum – relative humidity, non-condensing
½ Storage humidity: 95% maximum – relative humidity, non-condensing
½ Operating altitude: 10,000 ft – (3,000 m) maximum
½ Storage altitude: 10,000 ft – (3,000 m) maximum

LEDs

½ Per port (10/100 and Gigabit): – Link/ activity, speed
½ Per device: Power, Fan, PoE Max, LED Mode
½ Per PoE port: PoE Power, PoE fault

System Requirements

½ Category 5 UTP Network cables or above
½ Network card for each PC
½ Network software (e.g., Windows®)
½ Web browser (e.g., Internet Explorer – 6.0 or higher, Netscape 6.0 or higher)

Administrative Switch Management

½ – IEEE 802.1Q static VLAN – (128 groups, static)
½ IEEE 802.1p Class of Service (CoS)
½ Port-based QoS
½ DSCP-based QoS
½ DiffServ
½ IEEE802.3ad link aggregation – (manual or LACP)
½ IEEE 802.1D Spanning Tree – Protocol (STP)
½ IEEE 802.1w Rapid Spanning – Tree Protocol (RSTP)
½ IEEE 802.1s Multiple Spanning – Tree Protocol (MSTP)
½ IEEE 802.1ab Link Layer Discovery – Protocol (LLDP)
½ LLDP-MED
½ SNMP v1, v2c, v3
½ RFC 1213 MIB II
½ RFC 1643 Ethernet interface MIB
½ RFC 1493 bridge MIB

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

Performance Specifications

- 1/2 Forwarding modes: Store-and-forward
- 1/2 Bandwidth: 17.6 Gbps
- 1/2 Network latency: <20µs for 64-byte – frames in store-and-forward
- 1/2 mode for 100 Mbps to 100 Mbps transmission
- 1/2 Buffer memory: 1.5 MBytes per system
- 1/2 Address database size: 4,000 media access control (MAC) addresses per system
- 1/2 Addressing: 48-bit MAC address
- 1/2 Mean time between failures (MTBF): 230,731 hours at 25C (~26.4 years)
- 1/2 Acoustic noise: 34.5 dBA

Modules

- 1/2 AGM731F 1000BASE-SX SFP Module
- 1/2 AGM732F 1000BASE-LX SFP Module
- 1/2 AGM733 1000BASE-ZX SFP Module
- 1/2 AFM735 100BASE--FX SFP LC Module

Warranty and Support

- 1/2 ProSafe Lifetime Warranty†
- 1/2 ProSupport 24x7 Advanced Technical Support, 1 year (included)*
- 1/2 ProSupport™ Service Packs Available

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Package Contents

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

Please Enquire
