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

ï¿½ 48 PoE-capable ports with PoE Plus supports on the first 4 ports
ï¿½ Packaged with enterprise-class features such as static routing, Access control and multicast management
ï¿½ Cost-effective solution for large VoIP and video surveillance deployments

NETGEAR ProSAFE FS752TP Technical Specifications
Network Protocol and Standards Compatibility

ï¿½ IEEE 802.3 10BASE-T
ï¿½ IEEE 802.3u 100BASE-TX
ï¿½ IEEE 802.3ab 1000BASE-T
ï¿½ IEEE 802.3z 1000BASE-X
ï¿½ IEEE 802.3x full-duplex fl ow control
ï¿½ IEEE 802.3af (Power over Ethernet)
ï¿½ IEEE 802.3at (Power over Ethernet Plus) for the first 4 ports

Power Supply

ï¿½ Power consumption: 539W maximum
ï¿½ 100-240VAC/50-60-Hz universal input
ï¿½ PoE budget: 384W

Network Ports

ï¿½ 48 10/100 Mbps auto sensing Fast Ethernet
ï¿½ 4 10/100/1000 Mbps auto-sensing gigabit Ethernet switching ports (RJ-45)
ï¿½ 2 Dual Personality SFP slots

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Physical Specifications

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

Electromagnetic Emissions

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

Environmental Specifications

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

LEDs

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

System Requirements

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

Administrative Switch Management

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

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ï¿½ RMON group 1, 2, 3, 9
ï¿½ RFC 2131 DHCP client
ï¿½ Voice VLAN
ï¿½ Auto-VOIP
ï¿½ DHCP Filtering
ï¿½ Auto denial-of-service (DoS) protection
ï¿½ HTTP and HTTPS
ï¿½ Ping and traceroute
ï¿½ Power saving when link down
ï¿½ IEEE 802.1x
ï¿½ Port-based security by locked – MAC addresses
ï¿½ IP and MAC ACL
ï¿½ Storm control for broadcast, multicast and unknown unicast packets
ï¿½ IGMP snooping v1/v2/v3
ï¿½ Protected Port
ï¿½ PoE Timer
ï¿½ Port-based ingress and egress rate – limiting
ï¿½ SNTP
ï¿½ Port mirroring support (many to one)
ï¿½ Static Routing (support for up to 10 static routes)
ï¿½ Web-based confi guration
ï¿½ Confi guration backup/restore
ï¿½ Password access control
ï¿½ RADIUS Support
ï¿½ TACACS+ support
ï¿½ Syslog
ï¿½ Firmware upgradeable
ï¿½ Cable test

Performance Specifications

ï¿½ Forwarding modes: Store-and-forward
ï¿½ Bandwidth: 17.6 Gbps
ï¿½ Network latency: <20μs for 64-byte – frames in store-and-forward
ï¿½ mode for 100 Mbps to 100 Mbps transmission
ï¿½ Buffer memory: 1.5 MBytes per system
ï¿½ Address database size: 4,000 media access control (MAC) addresses per system
ï¿½ Addressing: 48-bit MAC address
ï¿½ Mean time between failures (MTBF): 230,731 hours at 25C (~26.4 years)
ï¿½ Acoustic noise: 34.5 dBA

Modules

ï¿½ AGM731F 1000BASE-SX SFP Module
ï¿½ AGM732F 1000BASE-LX SFP Module
ï¿½ AGM733 1000BASE-ZX SFP Module
ï¿½ AFM735 100BASE--FX SFP LC Module

Warranty and Support

ï¿½ ProSafe Lifetime Warranty†
ï¿½ ProSupport 24x7 Advanced Technical Support, 1 year (included)*
ï¿½ ProSupport™ Service Packs Available

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Package Contents

ï¿½ 52-port PoE Smart Switch with 4 Gigabit Ports (FS752TP)
ï¿½ Rubber footpads
ï¿½ Power cord
ï¿½ Rack-mount kit
ï¿½ Resource CD
ï¿½ Installation guide

Please Enquire