



### Two Gigabit Ports Plus Easy Browser-based Management

NETGEAR® ProSafe® Smart Switches fill the gap between unmanaged and fully managed switches. ProSafe Smart Switches are designed for growing businesses that want control over their network without the cost and complexity of a full Layer 2/Layer 3 management implementation. This PoE capable Smart Switch, FS726TP, provides power and data over the same Cat-5 UTP cable to enable affordable PoE solutions for mid-sized businesses. Using built-in standards based IEEE 802.3af PoE, the FS726TP offers web-based management including prioritization and SNMP making it ideal for deploying access points, VoIP phones and IP-based surveillance cameras. Two built-in Gigabit ports provides fast connections to servers or a Gigabit-speed backbone. With the utility of 24 10/100 Mbps ports, two copper 10/100/1000 ports and two hot-swappable Small Form-factor Pluggable (SFP)\*\* GBIC slots for optional fiber connectivity, growing business networks, classrooms and workgroups can benefit from superior performance and keep up with expanding network needs. This high performing switch features a non-blocking wire-speed architecture with an 8.8Gbps switching capacity for maximum data throughput. All 26 RJ-45 ports automatically negotiate to the highest speed and support Auto Uplink™ technology to make the right link.

In addition, an intuitive, Web-browser interface offers the simple Smart Switch management, making it a snap to monitor switch performance, configure ports, even set up port trunks, VLANs, and traffic prioritization. Alternatively, use SNMP-based software to manage your Smart Switch. Shipped ready for use straight out of the box, it delivers switching that's easy to set up and use. NETGEAR ProSafe Smart Switches are ideal for adding basic management to your unmanaged networks and extending your managed networks.

#### Flexible

Choose to plug in up to 24 Ethernet or Fast Ethernet devices and mix in up to 12 802.3af Power over Ethernet devices. Power over Ethernet (PoE), optimizes the installation and power management of network devices such as wireless access points (AP), Voice over IP (VoIP) phones, and IP-based surveillance cameras. Power-over-Ethernet (IEEE 802.3af ) capabilities reduce installation time and costs for many new network productivity devices. Free your wireless AP deployments and IP cameras from the restrictions of power outlet proximity and enable uninterrupted power supply for all your PoE devices.

#### Sharp

Web-based Smart management features include performance monitoring, port configuration, VLAN for traffic control, port trunking for increased bandwidth, and Class of Service (CoS) for traffic prioritization. Optimized for ProSafe Network Management Software (NMS100) and works with other SNMP-based management software.

#### Convenient

LEDs on the front panel make switch status easy to observe and troubleshooting easy to accomplish. Use as an unmanaged switch for plug & play operation or use the Smart Wizard to easily access the intuitive web-based management features.

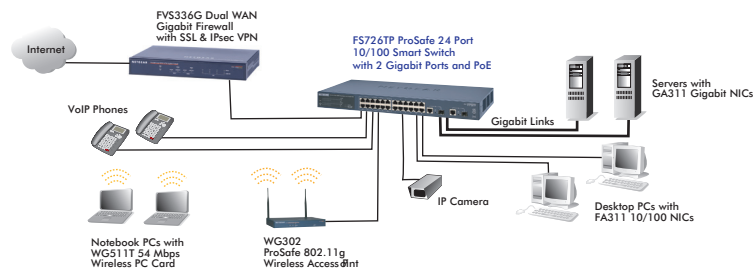
#### Reliable

Made to last, this durable switch is housed in a 17" metal box. Comes complete with a rack mounting kit. Works with Windows, Macintosh O/S, Linux and Netware Operating systems.\*\*\* Like all NETGEAR ProSafe Smart Switches, the FS726TP is backed by the NETGEAR ProSafe Lifetime Warranty†, and 1-Year ProSupport 24x7 Advanced Technical Support\*.

\*\* Use with NETGEAR's ProSafe AGM 731F 1000BASE-SX SFP GBIC module, NETGEAR's AGM 732F 1000BASE-LX SFP GBIC module, or NETGEAR's ProSafe 1000BASE-ZX SFP GBIC Module

\*\*\* Requires PC running Windows for initial Smart Switch access





## 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)

### • Power Supply

- Power Consumption: 122W maximum
- 100-240VAC/50-60 Hz universal input
- PoE Budget: 100W

### • Network Ports

- 24 10/100 Mbps auto sensing Fast Ethernet
- 2 10/100/1000 Mbps auto-sensing Gigabit Ethernet switching ports (RJ-45)
- 2 SFP slots

### • Physical Specifications

- Dimensions (W x D x H): 440 x 205 x 43 mm (17.8 x 8.1 x 1.6 in.)
- Weight: 3.0 kg (6.6 lb)

### • Electromagnetic Emissions

- CE mark, commercial
- FCC Part 15 Class A
- VCCI Class A
- C-Tick

### • LEDs

- Per port: (10/100 and Gigabit): Link/ Activity, Speed
- Per device: Power
- Per PoE ports: PoE Power, PoE fault

### • Electromagnetic Immunity

- EN 55024

### • Safety

- CE mark, commercial
- cUL IEC950/EN60950

### • Administrative Switch Management

- IEEE 802.1Q Static VLAN (Up to 64)
- Port-based VLAN (Up to 26)
- IEEE 802.1p Class of Service (CoS)
- Port-based QoS
- DSCP – Layer 3 QoS
- IEEE802.3ad (manual) Link Aggregation
- IEEE 802.1D Spanning Tree Protocol
- RFC 1157 SNMP v1
- RFC 1213 MIB II
- RFC 1643 Ethernet Interface MIB
- RFC 1493 Bridge MIB
- RFC 2131 DHCP client
- Private Enterprise MIB
- Rate Limiting
- Static IGMP and IGMP Snooping v1
- Port Mirroring Support
- Web-based configuration
- Configuration Backup/Restore
- Password Access Control
- Firmware upgradeable

### • Performance Specifications

- Forwarding modes: Store-and-forward
- Bandwidth: 8.8 Gbps
- Network latency: <math>20\mu\text{s}</math> for 64-byte frames in store-and-forward mode for 100 Mbps to 100 Mbps transmission
- Buffer memory: 256 KB embedded memory per unit
- Address database size: 8,000 media access control (MAC) addresses per system
- Addressing: 48-bit MAC address
- Mean time between failure (MTBF): 327,000 hours (~37 years)
- Acoustic Noise: 41.8 dB

### • Modules

- AGM731F 1000BASE-SX SFP Module
- AGM732F 1000BASE-LX SFP Module
- AGM733 1000BASE-ZX SFP Module

## Warranty and Support

- ProSafe Lifetime Warranty†
- ProSupport 24x7 Advanced Technical Support, 1 year (included)\*

### ProSupport™ Service Packs Available

- XPressHW, Category 1: PRR0331 (3-year next-business day hardware replacement contract)
- OnCall 24x7, Category 1: PMB0331 (3-year Advanced Technical Support contract, including Remote Diagnostics performed by our technical experts for prompt resolution of technical issues, and next-business day hardware replacement)

### Package Contents

- 24-port Smart Switch with Gigabit Ports (FS726TP)
- Rubber footpads
- Power cord
- Rack-mount kit
- Resource CD
- Installation guide
- Warranty/support information card

### 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 5.0 or higher Netscape 6.0 or higher)

### NETGEAR Related Products

- 32-bit PCI Copper Gigabit Adapter (GA311)
- 1000BASE-SX SFP Module (AGM731F)
- 1000BASE-LX SFP Module (AGM732F)
- 1000BASE-ZX SFP Module (AGM733)

### Ordering Information

- North America: FS726TPNA
- Europe: FS726TPEU
- Asia: FS726TPAU
- Japan: FS726TPJP

# NETGEAR®

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\* 1-year 24x7 Advanced Technical Support includes Remote Diagnostics performed by our technical experts for prompt resolution of technical issues.

† Lifetime warranty for product purchased after 05/01/2007. For product purchased before 05/01/2007, warranty is 3 years.

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