GS724T
ProSafe™ 24 Port Gigabit Smart Switch

- *Help is there when you need it! NETGEAR provides, 24x7 technical support* in English, with selected local language support during office hours.*
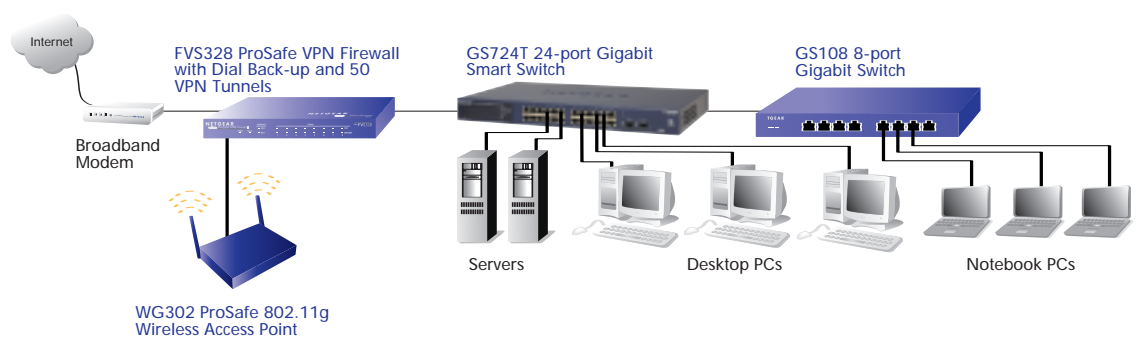
Management at an Unmanaged Price

Joining NETGEAR's family of Smart Switches with simple switch management at no extra cost, this 24-port Gigabit switch is high on value and capability. With 24 10/100/1000 Mbps ports, each capable of powering 2000 Mbps of data throughput in full-duplex mode, plus two optional fiber ports, it provides fast backbone and connects servers or power users, delivering large amounts of multimedia, image, and video information in no time at all. Ideal for combining 10, 100, and 1000 Mbps devices it delivers 10/100/1000 automatic speed and full/half-duplex sensing plus Auto Uplink™ on every port. Two hot-swappable Small Form factor Pluggable (SFP)** GBIC slots provide optional fiber connectivity for greater distance.

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.

High Powered ⬤ Twenty-four 10/100/1000 ports deliver non-blocking, full-speed packet forwarding with 48 Gbps bandwidth migrates your network to future-proof functionality. Two SFP GBIC fiber slots provide optional fiber connectivity for greater distance.

Intelligent ⬤ Smart Switch capability enables key management features for the value price of an unmanaged switch. Included are performance monitoring, port configuration, VLAN for traffic control, port trunking for increased bandwidth, and Class of Service (CoS) for traffic prioritization.

Right Sized ⬤ Ideal for growing businesses who want the benefits of management without the cost and complexity of traditional managed switches.

Easygoing and Durable ⬤ Simple to set up and simple to use for effortless network monitoring and troubleshooting. Made to last, this sturdy switch is housed in a 17-inch metal box and comes with a rack mounting kit.

**Use with NETGEAR ProSafe AGM731F 1000BASE-SX SFP GBIC module, ProSafe AGM732F 1000BASE-LX SFP GBIC module or ProSafe AGM733 1000BASE-ZX SFP GBIC.

Internet

FVS328 ProSafe VPN Firewall with Dial Back-up and 50 VPN Tunnels

GS724T 24-port Gigabit Smart Switch

GS108 8-port Gigabit Switch

Broadband Modem

WG302 ProSafe 802.11g Wireless Access Point

Servers

Desktop PCs

Notebook PCs

NETGEAR®
Everybody's connecting.®

NETGEAR Related Products

Accessories
- ProSafe GBIC Module 1000BASE-SX Fiber Model AGM731F
- ProSafe GBIC Module 1000BASE-LX Fiber Model AGM732F
- ProSafe GBIC Module 1000BASE-ZX Fiber Model AGM733
- Layer 2 Support Pack P3L21– 1 year
- Layer 2 Support Pack P3L21– 3 year
- 32-bit Gigabit PCI Adapter Model GA311
- Gigabit PC Card Adapter Model GA511

Solutions:
- ProSafe 802.11g Wireless Access Point WG302
- ProSafe 802.11g Wireless Access Point WG102
- ProSafe VPN Firewall 25 with 4 Gigabit Port and Dual WAN Port Switch FVG124G
- ProSafe VPN Firewall 8 with 4-port 10/100 and Dual WAN Port Switch FVS114

Optional Switches:
- ProSafe 16 Port Gigabit Smart Switch Model GS716T
- ProSafe 48 Port Gigabit Smart Switch Model GS748T

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D-GS724T-0

Product Specifications

- **Network Protocol and Standards Compatibility**
  - IEEE 802.3 10BASE-T Ethernet
  - IEEE 802.3u 100BASE-TX Fast Ethernet
  - IEEE 802.3ab 1000BASE-T Gigabit Ethernet
  - IEEE 802.3x full-duplex flow control

- **Interfaces**
  - 24 RJ-45 connectors for 10BASE-T, 100BASE-TX, and 1000BASE-T (Auto Uplink on all ports)
  - 2 SFP slots for fiber Gigabit Ethernet modules

- **Administrative Switch Management**
  - IEEE 802.1D Spanning Tree Protocol
  - RFC 1157 SNMP v1
  - RFC 1213 MIB II
  - RFC 1643 Ethernet Interface MIB
  - RFC1493 Bridge MIB
  - Jumbo Frame Support (up to 9216 bytes)
  - IEEE 802.1Q Tag VLAN (up to 64 Static VLAN groups)
  - Port-based VLAN (up to 24 groups)
  - IEEE 802.1p (Class of Service)
  - Port-based QoS (options High/Normal)
  - Port Trunking - Manual as per IEEE802.3ad Link Aggregation
  - DHCP client function
  - Port setting
  - Web-based configuration, anywhere on the network
  - Smartwizard Discovery Utility program auto discovers devices (up to 254 agents/switches); set system configuration to each agent
  - Configuration Backup/Restore (easy to configure more than one switch)
  - Password access control and Restricted IP Access List
  - Firmware upgradeable

- **Active Flow Control**
  - Half-duplex back-pressure control
  - Full-duplex IEEE 802.3x pause frame flow control

- **Performance Specifications**
  - **Forwarding modes:** Store-and-forward
  - **Bandwidth:** 48 Gbps
  - **Network latency:** Less than 20 µs for 64-byte frames in store-and-forward mode for100 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):** 115,221 hours (~ 13 years)

- **LEDs**
  - **Unit:** power
  - **Per port:** link, activity, speed, duplex

- **Power Supply**
  - **Power Consumption:** 29 W maximum
  - 100-240VAC/50-60 Hz universal input

- **Physical Specifications**
  - **Dimensions (H x W x D):** 1.7 x 17.3 x 8.1 in. (43 x 440 x 205 mm)
  - **Weight:** 5.9 lbs. (2.7 kg)

- **Environmental Specifications**
  - **Operating temperature:** 32 to 104°F (0 to 40° 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

- **Electromagnetic Compliance**
  - CE mark, commercial
  - FCC Part 15 Class A
  - VCCI Class A
  - EN 55022 (CISPR 22)
  - EN 55024 (CISPR 24)
  - C-Tick

- **Safety Agency Approvals**
  - UL listed (UL 1950)/cUL
  - IEC950/EN60950
  - CE mark, commercial
  - CUL 60950 (Listed)/EN60950 (Low Voltage Directive)

- **Warranty**
  - **Switch:** NETGEAR 5-year warranty

System Requirements
- Category 5 network cables
- Network card for each PC
- Network software (e.g., Windows®)

Package Contents
- 24-port Gigabit Smart Switch GS724T
- Rubber footpads
- Power cord
- Rack-mount kit
- Smart Switch Resource CD
- Smart Switch Installation guide
- Warranty/Support information card

Modules
- NETGEAR AGM731F 1000BASE-SX SFP GBIC Module with LC connectors for 50um or 62.5um multi-mode fiber cable
- NETGEAR AGM732F Fiber 1000BASE-LX SFP GBIC Module with LC connectors for 9um single-mode fiber cable
- NETGEAR AGM733 ProSafe 1000BASE-ZX Fiber SFP GBIC Module