



AT-GS900/24

Unmanaged Gigabit Ethernet Switches

AT-GS900/24

24 port 10/100/1000T unmanaged switch

High Performance

Designed for medium enterprises and educational networks, the Allied Telesis GS900 series of unmanaged Gigabit switches delivers the high-speed and high performance demanded by today's high-bandwidth applications such as video, graphics, and industrial design.

Flexibility

Available in 8, 16 and 24 port models, Allied Telesis lets you decide which size is best for your network. Reduces your cost by allowing you to only pay for the ports you need.

Simplified Installation

The GS900 series switches require minimal configuration and can be installed in minutes for use in network racks or on desktops. The 10/100/1000T copper ports on the GS900 series are fully auto-negotiating, allowing the switches to connect to all other 10Mbps Ethernet, 100Mbps Fast Ethernet, or 1000Mbps Gigabit Ethernet devices. Equipped with MDI/MDI-X ports for easy connection to other hubs and switches, the GS900 series offers a natural migration path from legacy networks and a cost-effective introduction to Gigabit Ethernet. Finally, easy to read front panel LEDs show ongoing switch status and simplify troubleshooting.

Quality and Reliability

Allied Telesis is a worldwide leader in unmanaged Ethernet switches. Shipping more than 250,000 unmanaged switches every year, Allied Telesis offers proven reliability and industry recognized quality.

Applications

Connected to managed Gigabit switches such as the AT-9424T or the AT-9748TS/XP or unmanaged Fast Ethernet switches such as the AT-FS724L or the AT-LE700, the GS900 series remains the ideal fit for Gigabit migration in Local Area Networks (LANs). The GS900 series of unmanaged Gigabit switches can forward both standard sized packets and VLAN-tagged packets throughout LANs. For those applications requiring Gigabit to the desktop, an ideal design combines Allied Telesis GS900 series switches with any of our full line of Gigabit Network Interface Cards (NICs)—whether it's the AT-2916SX for copper Gigabit or the AT-2931SX for fiber Gigabit.

Key Features

- Wirespeed performance
- Non-blocking architecture
- Auto-negotiation Gigabit ports
- Auto MDI/MDI-X on TX ports
- Transparent to VLAN packets
- Full-duplex flow control
- Sturdy metal case
- Silent operation, fanless

AT-GS900/24 | Unmanaged Gigabit Ethernet Switches

Performance

14,880pps for 10Mbps Ethernet
 148,800pps for 100Mbps Ethernet
 1,488,000pps for 1000Mbps Ethernet

Switching capacity 48Gbps
 Throughput 35.7Mpps

MAC addresses Up to 8K

Packet buffer 128KB

Half/full-duplex
 Auto-negotiation
 MDI/MDI-X

Interface Connections

10/100/1000T RJ-45

Power Characteristics

Voltage 100-240V AC
 Frequency 50/60Hz
 Current 1.0A
 Power consumption max 20.1W

Environmental Specifications

Operating temp. 0°C to 40°C (32°F to 104°F)
 Non-operating temp. -25°C to 70°C (-13°F to 158°F)
 Operating humidity 5% to 90% non-condensing
 Storage humidity 5% to 95% non-condensing

Technical Specifications

Physical Characteristics

Dimensions 33cm x 23cm x 4.32cm
 (W x D x H) (13.2" x 9.2" x 1.728")

Weight 2.99kg (6.6lbs)

Wall-mount or Desktop

All units come with wall and 19" rack-mount brackets

Standards and Compliance

IEEE 802.3 10T Ethernet
 IEEE 802.3u 100TX Fast Ethernet
 IEEE 802.3ab 1000T Gigabit Ethernet
 IEEE 802.3z Full-duplex
 IEEE 802.3x Flow control

Electrical/Mechanical Approvals

UL 1950
 FCC/EN55022 Class A
 VCCI Class A
 C-Tick
 EN60950 (TUV)
 EN55024
 CE

Ordering Information

AT-GS900/24
 24 port 10/100/1000T unmanaged switch

Where xx = 10 for U.S. power cord
 20 for no power cord
 30 for U.K. power cord
 40 for Australian power cord
 50 for European power cord

USA Headquarters | 19800 North Creek Parkway | Suite 100 | Bothell | WA 98011 | USA | T: +1 800 424 4284 | F: +1 425 481 3895

European Headquarters | Via Motta 24 | 6830 Chiasso | Switzerland | T: +41 91 69769.00 | F: +41 91 69769.11

Asia-Pacific Headquarters | 11 Tai Seng Link | Singapore | 534182 | T: +65 6383 3832 | F: +65 6383 3830

www.alliedtelesis.com