

## Allied Telesis AT-GS950/24-10

# Allied Telesis AT-GS950/24-10 WebSmart Switch User Manual

Model: AT-GS950/24-10

## PRODUCT OVERVIEW

The Allied Telesis AT-GS950/24 is a 24-port Gigabit WebSmart Switch designed for small to medium-sized networks. It features 24 x 10/100/1000Base-T ports and 2 x SFP ports, offering flexible connectivity options. This managed switch provides essential features for network control and monitoring, making it suitable for various desktop and rack-mount installations.



Figure 1: Front panel of the AT-GS950/24-10 WebSmart Switch, illustrating the Ethernet ports, SFP slots, and status indicators.

## SETUP GUIDE

Follow these steps to properly set up your AT-GS950/24-10 WebSmart Switch:

- Unpacking and Inspection:** Carefully remove the switch from its packaging. Verify that all components are present and undamaged.
- Mounting Options:**
  - Desktop Placement:** Place the switch on a flat, stable surface with adequate ventilation.
  - Rack Mounting:** Use the provided wall and 19-inch rack mount brackets to secure the switch in a standard equipment rack. Ensure proper airflow around the unit.
- Power Connection:** Connect the power cord to the switch's power input and then to a grounded electrical outlet.
- Network Connections:**
  - Connect Ethernet cables from your network devices (computers, servers, other switches) to the 10/100/1000Base-T ports (ports 1-24) on the front panel.
  - For fiber optic connections, insert compatible SFP transceivers into the SFP ports (ports 23-24) and connect fiber optic cables.
- Initial Configuration (Optional):** For initial management access, connect a computer to any Ethernet port or use the console port with a serial cable. Refer to the detailed configuration guide for WebSmart interface setup.

## OPERATING INSTRUCTIONS

Once the switch is powered on and connected, it will begin operating. Here are key aspects of its operation:

- **Power On:** After connecting the power, the switch will automatically power on. The **POWER** LED indicator on the front panel should illuminate.
- **LED Indicators:** Observe the LED indicators for each port:
  - **Link/Act LED:** Indicates a valid network link (solid green) and network activity (blinking green).
  - **Speed LED:** Indicates the connection speed (e.g., green for Gigabit, amber for 100Mbps, off for 10Mbps - consult the full manual for exact color codes).
- **WebSmart Management:** The switch can be managed via a web-based interface. Access this interface by typing the switch's IP address into a web browser. This allows for configuration of VLANs, QoS, port mirroring, and other advanced features.
- **Plug-and-Play Functionality:** For basic network connectivity, the switch operates as a plug-and-play device, automatically detecting connected devices and negotiating speeds.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your switch:

- **Cleaning:** Regularly clean the exterior of the switch with a soft, dry cloth. Do not use liquid or aerosol cleaners. Ensure ventilation openings are free from dust and obstructions.
- **Firmware Updates:** Periodically check the Allied Telesis website for firmware updates. Keeping the firmware current can improve performance, add new features, and address security vulnerabilities.
- **Environmental Conditions:** Ensure the switch operates within its specified temperature and humidity ranges. Avoid placing it near heat sources or in direct sunlight.
- **Cable Management:** Organize network cables to prevent tangles and ensure proper airflow.

## TROUBLESHOOTING

If you encounter issues with your switch, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
No Power LED	Power cord disconnected; Power outlet issue; Switch malfunction.	Check power cord connection; Try a different power outlet; Contact support if issue persists.
No Link/Act LED on port	Cable not connected; Faulty cable; Device not powered on; Incorrect port settings.	Ensure cable is securely connected; Replace cable; Power on connected device; Check switch port configuration via WebSmart interface.
Slow Network Speed	Cable issue; Port speed mismatch; Network congestion; Duplex mismatch.	Verify cable quality (use Cat5e/6 for Gigabit); Check port speed settings on both switch and device; Monitor network traffic; Ensure duplex settings match.

Problem	Possible Cause	Solution
Cannot access WebSmart interface	Incorrect IP address; Network configuration issue; Browser problem.	Verify switch IP address; Ensure your computer is on the same subnet; Try a different web browser; Reset switch to factory defaults if necessary (consult full manual).

## SPECIFICATIONS

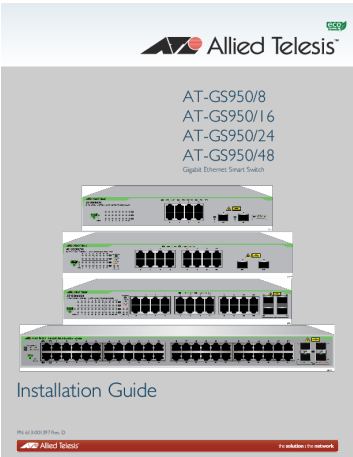
Feature	Detail
Model Number	AT-GS950/24-10
Brand	Allied Telesis
Data Transfer Rate	1000 Megabits Per Second (Gigabit Ethernet)
Number of Ports	24 x 10/100/1000Base-T, 2 x SFP
Switch Type	Managed (WebSmart)
Interface Type	Ethernet, SFP
Product Dimensions	10 x 17 x 2 inches
Item Weight	7.2 pounds
UPC	012302361338, 767035178431
ASIN	B00PB4VLZI
Date First Available	November 6, 2014

## WARRANTY INFORMATION

The Allied Telesis AT-GS950/24-10 WebSmart Switch comes with a **Lifetime Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use and service. For specific terms, conditions, and limitations, please refer to the official warranty documentation provided by Allied Telesis or visit their official website.

## SUPPORT

For technical assistance, product documentation, or further inquiries regarding your Allied Telesis AT-GS950/24-10 WebSmart Switch, please contact Allied Telesis customer support. You can typically find support contact information, FAQs, and additional resources on the official Allied Telesis website. It is recommended to have your product model number (AT-GS950/24-10) and serial number ready when contacting support.

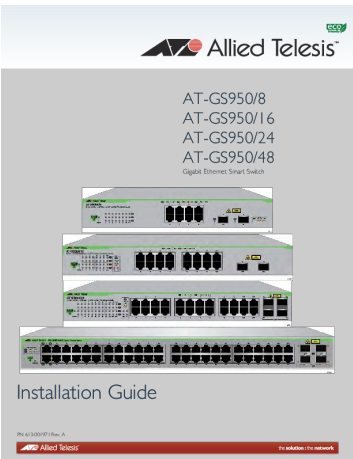


[pdf] User Manual Installation Guide Specifications Guide

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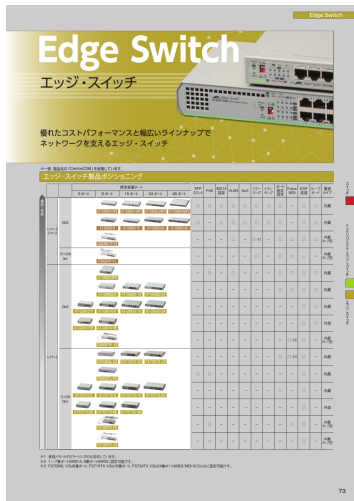
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GS950/48PS GbE 2 10/100M bps - - AT-GS950/8 AT-GS950/16 AT-GS950/24 AT-  
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