

Tenda S105

Tenda S105 5-Port 10/100Mbps Ethernet Switch User Manual

1. INTRODUCTION

The Tenda S105 is a compact and efficient 5-Port 10/100Mbps Ethernet switch designed to expand your network connectivity. It provides a simple, plug-and-play solution for connecting multiple wired devices in your home or small office, offering reliable and fast data transfer. With its low power consumption and easy installation, the S105 is an ideal choice for enhancing your network without complex configurations.

2. PRODUCT OVERVIEW

2.1 Features

- **5 x 10/100Mbps Auto-Negotiation RJ45 Ports:** Provides flexible connectivity for various devices.
- **Plug and Play:** No configuration required, simply connect and use.
- **Full Duplex Speed up to 200Mbps:** Ensures fast data transfer for connected devices.
- **Low Power Consumption:** Energy-efficient design for reduced operational costs.
- **Compact Design:** Small footprint, suitable for desktop or wall mounting.
- **Compatible Devices:** Works with computers, printers, Smart TVs, NAS, game consoles, and IP cameras.

2.2 Package Contents

- 1 x Tenda S105 5-Port Ethernet Switch
- 1 x Power Adapter
- 1 x User Guide

2.3 Physical Appearance



Figure 1: Front view of the Tenda S105 5-Port Ethernet Switch, showing five numbered Ethernet ports and LED indicators.



Figure 2: Rear view of the Tenda S105 5-Port Ethernet Switch, highlighting the power input port.

Mini and Fashionable Design

The switch, with polished cambered checked white surface, is mini case and pocket design, smaller than your VISA card.

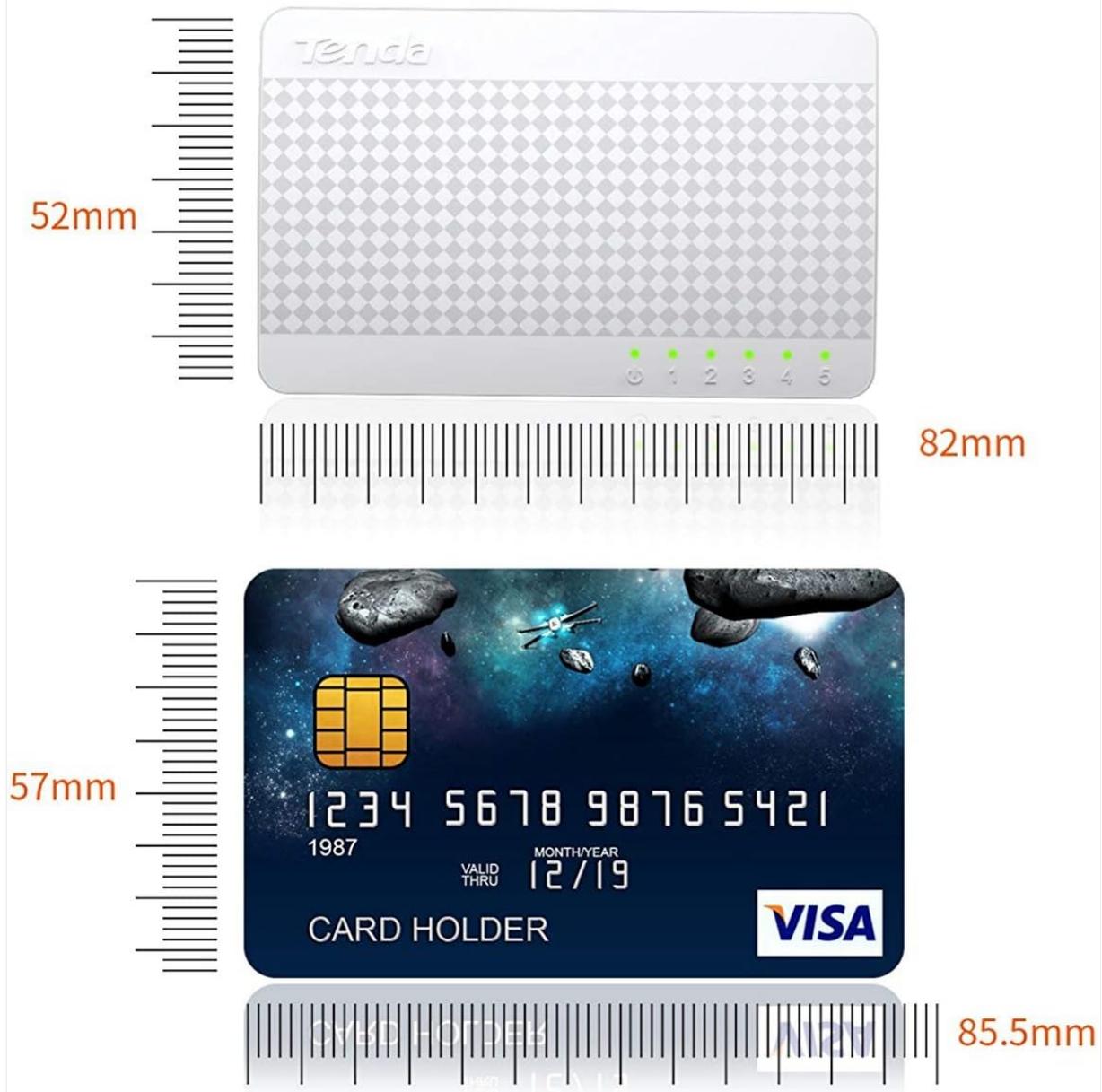


Figure 3: The Tenda S105 switch shown with its dimensions (52mm x 82mm) in comparison to a standard credit card, illustrating its compact size.

3. SETUP INSTRUCTIONS

The Tenda S105 switch is designed for easy plug-and-play installation. No software or complex configuration is required.

1. **Connect Power:** Connect the provided power adapter to the switch's power input port and then plug the adapter into a standard electrical outlet. The Power LED on the switch should illuminate.
2. **Connect to Network Source:** Connect an Ethernet cable from your router, modem, or existing network outlet to any of the 5 RJ45 ports on the S105 switch.
3. **Connect Devices:** Connect your wired devices (e.g., computer, Smart TV, game console) to the remaining RJ45 ports on the S105 switch using Ethernet cables.

Once connected, the corresponding LED indicator for each active port will light up, indicating a successful connection. Your devices should now have network access.

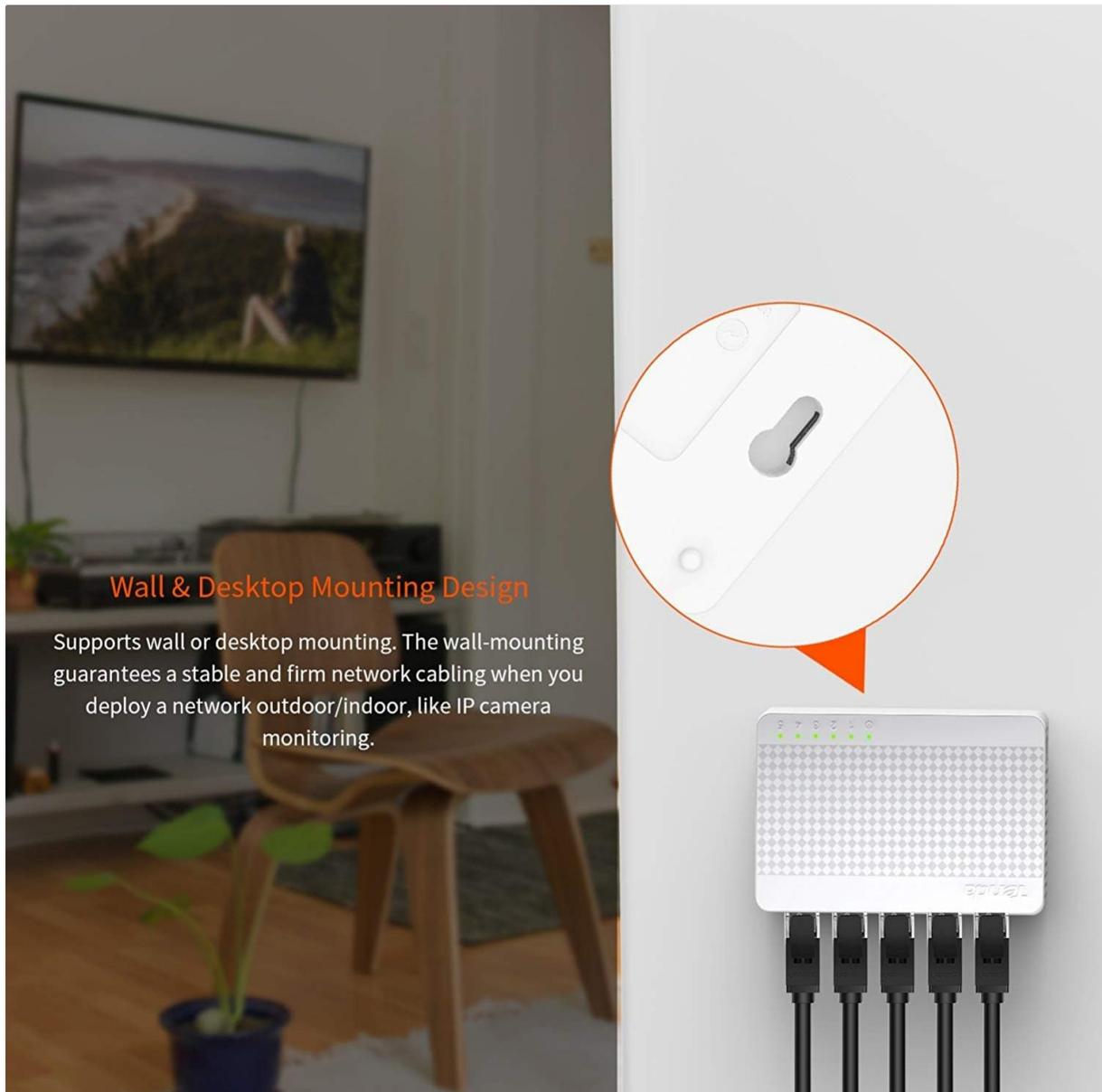


Figure 4: The Tenda S105 switch demonstrating its wall-mounting capability, with multiple Ethernet cables connected to devices.

4. OPERATING INSTRUCTIONS

4.1 LED Indicators

The Tenda S105 features LED indicators on the front panel to provide status information:

- **Power LED:** Illuminates when the switch is powered on.
- **Port LEDs (1-5):** Each port has an associated LED. A solid light indicates a stable link, and a blinking light indicates data activity.

4.2 Connecting Devices

To connect a device, simply plug one end of an Ethernet cable into the device's Ethernet port and the other end into any available port on the S105 switch. The switch automatically detects the connection speed and duplex mode.

Enjoy A Better Game Experience



Figure 5: A user engaged in gaming, with their computer connected to the Tenda S105 switch, illustrating its use in a home entertainment setup.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the switch. Do not use liquid or aerosol cleaners.
- **Ventilation:** Ensure the switch is placed in a well-ventilated area to prevent overheating. Do not block ventilation openings.
- **Power Supply:** Use only the power adapter provided with the device.
- **Environment:** Avoid exposing the switch to extreme temperatures, humidity, or direct sunlight.

6. TROUBLESHOOTING

6.1 No Power LED

- Ensure the power adapter is securely connected to the switch and a working electrical outlet.
- Verify the power outlet is functional by plugging in another device.

6.2 No Link/Activity LED for a Connected Device

- Check that the Ethernet cable is securely plugged into both the switch and the device.
- Try a different Ethernet cable to rule out a faulty cable.
- Ensure the connected device is powered on and its network adapter is functioning correctly.
- Try connecting the device to a different port on the switch.

6.3 Slow Network Speed

- Ensure all connected devices and cables support 100Mbps speeds.
- Check for excessive network traffic or bandwidth-intensive applications running on your network.
- Verify your internet service provider's speed and your router's performance.

7. SPECIFICATIONS

Feature	Detail
Brand	Tenda
Model	S105
Ports	5 x 10/100Mbps Auto-Negotiation RJ45 ports
Data Transfer Rate	10/100Mbps (Half Duplex), 20/200Mbps (Full Duplex)
Data Link Protocol	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
Switching Capacity	1.0 Gbps
MAC Address Table	1K
Power Input	DC 5V/0.6A (External Power Adapter)
Dimensions (L x W x H)	2.04 x 0.88 x 3.23 inches (52 x 22.5 x 82 mm)
Item Weight	2.4 ounces (68 Grams)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 90% non-condensing

8. WARRANTY AND SUPPORT

Tenda products typically come with a limited warranty. Please refer to the warranty card included in your product packaging or visit the official Tenda website for detailed warranty terms and conditions specific to your region.

For technical support, product registration, or to download the latest firmware and drivers, please visit the official Tenda support website:

- **Tenda Official Website:** www.tendacn.com
- **Support Page:** Refer to the support section on the official website for FAQs, troubleshooting guides, and contact information.

When contacting support, please have your product model (S105) and serial number ready.