ROUTERBE3600

Dual Band Wi-Fi 7 Router

User Manual



Picture of the product

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I. Introduction

1. General Overview

Welcome to the comprehensive user guide for the STRONG Dual Band Wi-Fi 7 Router ROUTERBE3600. It guides you from the initial power-on to full mastery of the configuration interface.

The ROUTERBE3600 is a high-performance Wi-Fi 7 router that connects to your existing modem via Ethernet cable. No need to change your Internet box — simply plug it in to instantly benefit from Wi-Fi 7 technology. Manage your network from the Web UI interface or from the MySTRONG mobile application.

Main features:

- Wi-Fi 7 (IEEE 802.11be) dual band: 688 Mbps @ 2.4 GHz + 2,882 Mbps @ 5 GHz
- 5 external 3 dBi antennas for maximum coverage and reliability
- Multi-Link Operation (MLO): simultaneous aggregation of the 2.4 GHz and 5 GHz bands
- 1 WAN port 2.5 Gbps + 3 Gigabit LAN ports for ultra-fast wired connections
- Dual frequency optimization and WiFi5 Access Extension for legacy devices
- Wi-Fi Repeater Mode: extension of the range of an existing Wi-Fi network
- WPA2 / WPA3 Security — Firewall — Anti-DoS — Anti-port Scan — Wi-Fi ACL
- Management via Web UI interface (192.168.188.1) or MySTRONG mobile application
- Setup Wizard and automatic firmware update (OTA)

⚠ **IMPORTANT** The ROUTERBE3600 is a pure Wi-Fi router — it does NOT have a built-in modem or SIM slot. It must be connected to an existing modem or Internet box.

Please note that all our products supplied with an external power supply must be connected to the mains using that same original, compliant power supply—which must not be modified without the manufacturer's recommendation.
Using an unsuitable power supply can be dangerous for the user and, of course, prevents the product from functioning normally.
Furthermore, the use of a non-compliant AC adapter voids the warranty.
The current ratings in amperes (A) or milliamperes (mA) and voltage ratings in volts (V) for the power adapters are listed in the general specifications section of the manual, on the power adapter itself, and usually next to the power socket on the back of the product.

2. Box Contents

Item	Description
ROUTERBE3600 Router × 1	The router with its 5 external antennas.

Cat6 Ethernet Cable × 1	1-meter network cable provided for WAN connection to your modem/box.
DC 12V/1.5A Power Adapter × 1	External power supply.
Quick installation guide × 1	Essential start-up instructions.
Safety instructions and warranty card × 1	Regulatory documentation and 4-year warranty.

3. Physical Overview



Fig. 1 — Front side : 5 antennas & LED status



Fig. 2 — Back side : ports et buttons

3.1 Front side

Component	Description
5 external antennas	3 dBi adjustable Wi-Fi antennas. Position them vertically for optimal coverage (3 in the center, 1 on each side).
Status LED (bi-color)	Single operation indicator located on the front panel (see section 3.2).
STRONG logo + Wi-Fi 7	Identification markings on the front panel.

3.2 LED Indicator

LED	Meaning
Solid orange	Startup in progress (Power-on process).
Solid green	Normal operation — Internet connection available.
Solid red	No Internet connection available. Please check the WAN connection.

Off	Router powered off.
LED disabled	LED intentionally turned off via More Settings > Device Management > LED Control (router remains operational).

⚠ **IMPORTANT** If the LED is red after startup, please ensure that the Ethernet cable is properly connected between the WAN port of the router and your modem/box. Please also check the Internet Settings page.

4. Overview of the Web UI

The Web UI allows you to fully configure and manage the router from your browser.

Access address: http://192.168.188.1 or http://setup.strong

Tab	Content
Home	At-a-glance connectivity diagram (Internet → Router → Terminal devices), uplink/downlink throughput, device model, running time, and MAC address.
Internet Settings	WAN connection mode (Bridge / DHCP / PPPoE / Static IP), IPv4 and IPv6 configuration.
Wireless Configuration	Main Wi-Fi settings: Enable Wi-Fi, MLO, SSID, security, password, transmitting power.
Terminal Device	List of devices connected to the router, with per-device speed limit.
More Settings	All advanced configuration, organized in five sub-sections: Device Information, Device Management, Lan Config, Wireless Configuration (advanced), Security Settings, and Other Settings.

Five quick-access icons are always available in the top-right corner of every page: Wizard (guided first-time setup), Upgrade (firmware update), Logout, Reboot (with confirmation), and Language.

5. Cybersecurity

Port 53 – DNS Resolution Service
Provides domain name resolution for connected clients, allowing them to translate hostnames into IP addresses within the local network.

Port 67 – DHCP Service
Dynamically assigns IP addresses and related network configuration parameters (such as subnet mask, gateway, and DNS servers) to devices on the local network.

Port 443 – HTTPS Local Web Service
Hosts a secure (SSL/TLS-encrypted) local web interface for device configuration, status monitoring, and management via a web browser.

Port 547 – IPv6 Address Assignment Service
Supports IPv6 network configuration by handling DHCPv6 or similar address assignment and prefix delegation for IPv6-enabled clients.

Random UDP Port – hostapd Communication Service
Used internally by the hostapd daemon for real-time control and configuration of wireless access point features. This port is dynamically chosen at runtime and is not fixed.

Note: Ports and services enabled by default factory (53, 443, 1025, 1026).

Port	Typical Service/Program	Type of business
53	DNS (Domain Name System)	Core internet infrastructure
443	HTTPS (encrypted web)	Secure web browsing / management
1025	Ephemeral start / custom app	Dynamic or application-specific
1026	Router admin (occasional) / custom app	Often application-specific or administrative

II. Getting Started — Initial Setup

1. Physical connection



Fig. 3 — Back side : ports et buttons

- Unfold the 5 antennas and position them vertically.
- Connect one end of the supplied Cat6 Ethernet cable to the WAN port of the router.

- Plug the other end into a LAN port of your modem or Internet box.
- Plug the DC 12V/1.5A power adapter into the POWER connector of the router, then into the power outlet.
- Wait approximately 60 seconds. The LED turns orange (startup) then green (operational).

TIP Never connect the WAN port of the ROUTERBE3600 to another WAN port or to a port identified as Internet on your box. Please use a LAN port on your modem/box.

2. Wi-Fi connection and access to the Web UI

- These information are on the product's label, default SSID (STRONG_WiFI7_XXXX, the network name shown on the label under the router).
- Enter the default Wi-Fi password shown on the label under the router.
- Open a browser and enter: http://192.168.188.1 or http://setup.strong

TIP You can relaunch the Setup Wizard at any time from the Wizard icon in the top-right corner of any Web UI page.

3. Changing the administrator password

Recommended upon first login: More Settings > Device Management > User Management. Enter the old password (Old Password), the new one (New Password), and confirm (Confirmed Password). Click Save.

4. Internet Settings (Internet connection)

In most cases, the Internet connection is established automatically after plugging in (DHCP Dynamic Access). If this is not the case, configure the connection type:

- Go to Internet Settings.
- Select the Internet Mode: DHCP Dynamic Access (most common), PPPoE, or Static IP, Bridge
- For PPPoE: enter the account credentials provided by your ISP.
- For Static IP: enter the IP address, subnet mask, gateway, and DNS address provided by your ISP.
- For Bridge: the router will disable router functions, so that the devices connected to router will use up layer modem features
- Click Save.

TIP If you do not know your connection type, please contact your Internet Service Provider (ISP). DHCP Dynamic Access works with the vast majority of Internet boxes.

5. Factory reset

Via the Web UI: More Settings > Device Management > Backup & Restore > Restore factory configuration locally.

Via the physical← button: hold down the RESET button (back panel, pinhole) for 5 to 10 seconds with a pin, with the router powered on. The LED blinks to confirm.



Fig. 3 — Back side : ports et buttons

⚠ **IMPORTANT** The reset will erase ALL your configurations. First, back up via More Settings > Device Management > Backup & Restore > Backup configuration file.

III. Full description of the Web UI

Access: http://192.168.188.1 or http://setup.strong from any device connected to the router (Wi-Fi or Ethernet cable).

Navigation: five tabs across the top of every page — Home, Internet Settings, Wireless Configuration, Terminal Device, More Settings — plus five quick-access icons (Wizard, Upgrade, Logout, Reboot, Language) always visible in the top-right corner.

1. Home

The Home tab is the landing page after login. It displays a live connectivity diagram (Internet → Router → Terminal Manage) with green check marks on each working link, the current uplink and downlink throughput, and at the bottom: device model, running time, and MAC address.

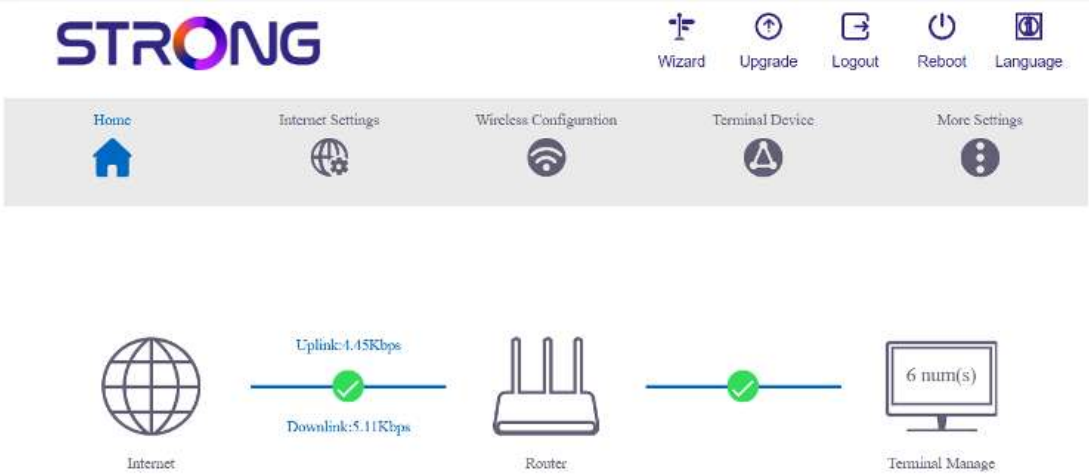


Fig. 4 — Home tab — connectivity diagram and throughput

2. Internet Settings

Configures the WAN (Internet) connection.

Field	Description
Internet Mode	DHCP / Bridge / DHCP Dynamic Access / PPPoE / Static IP — selected from the Setup Wizard or directly on this page.
Enable IPv6	Toggle to enable dual-stack IPv4 + IPv6 on the WAN connection.
GUA From	IPv6 global address acquisition: DHCPv6 / Static / Auto / SLAAC.
DNS Type	Static or Auto IPv6 DNS resolution.
Prefix Delegation	Static or DHCPV6 — source of the delegated IPv6 prefix.

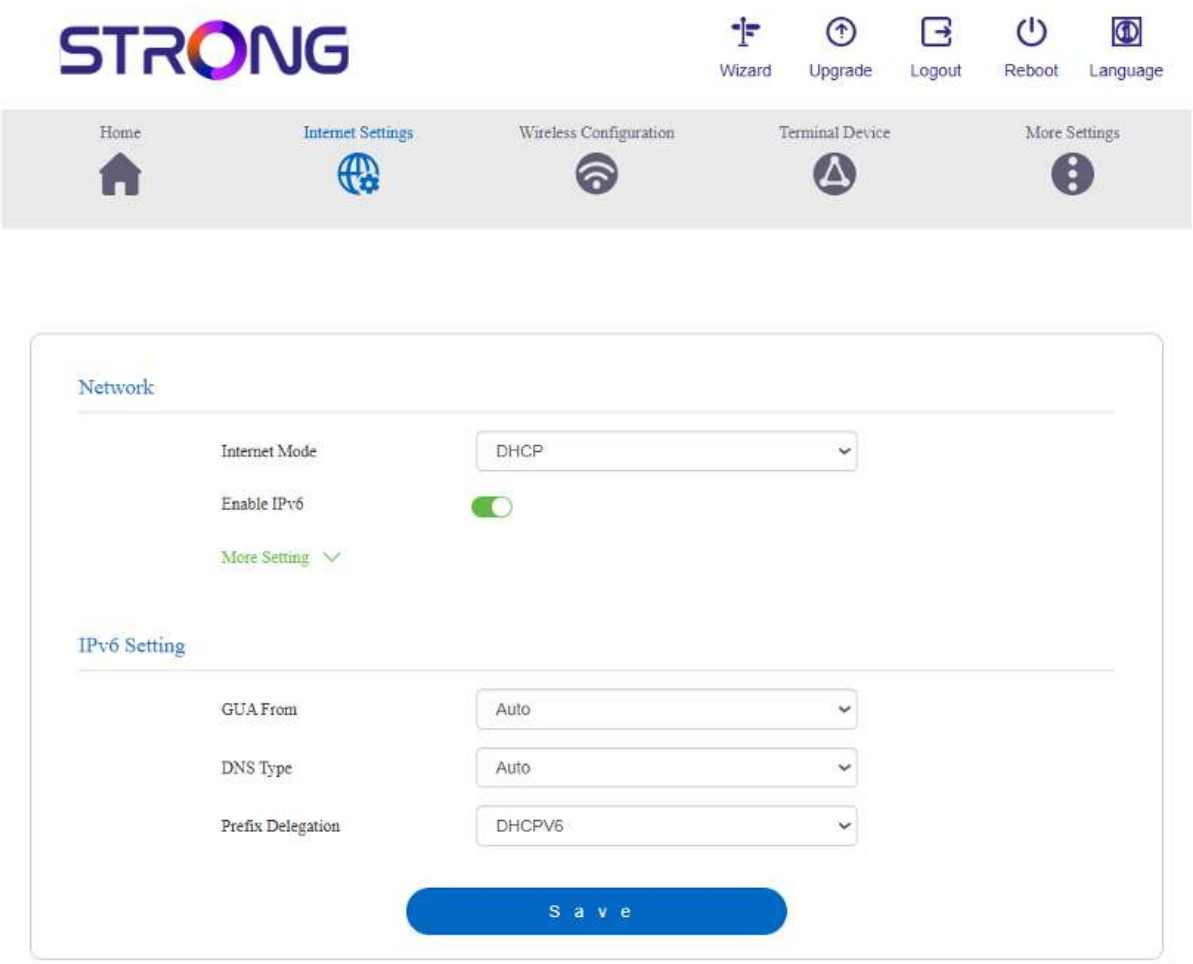


Fig. 5 — Internet Settings — Internet Mode and IPv6 More Setting

3. Wireless Configuration

Main Wi-Fi settings, applied jointly to the 2.4 GHz and 5 GHz bands.

Field	Description
Enable Wi-Fi	Master switch for the Wi-Fi radios.
WiFi5 Access Extension	Expands a non-Wi-Fi6-compatible access point for 2.4G/5G, for older devices. The expanded network name gets the suffix _Wi-Fi5.
Enable MLO	Enables Wi-Fi 7 Multi-Link Operation — see Fig. 7.
Dual frequency optimization	Optimizes the use of both bands simultaneously for connected clients.
SSID	Name of the Wi-Fi network

Security	Not encrypted / WPA2-PSK / WPA/WPA2-PSK / WPA3-SAE / WPA2-PSK/WPA3-SAE (recommended).
Wi-Fi Password	Network password (hidden by default, toggle the eye icon to reveal).
Transmitting Power	High (default) / Middle / Low.

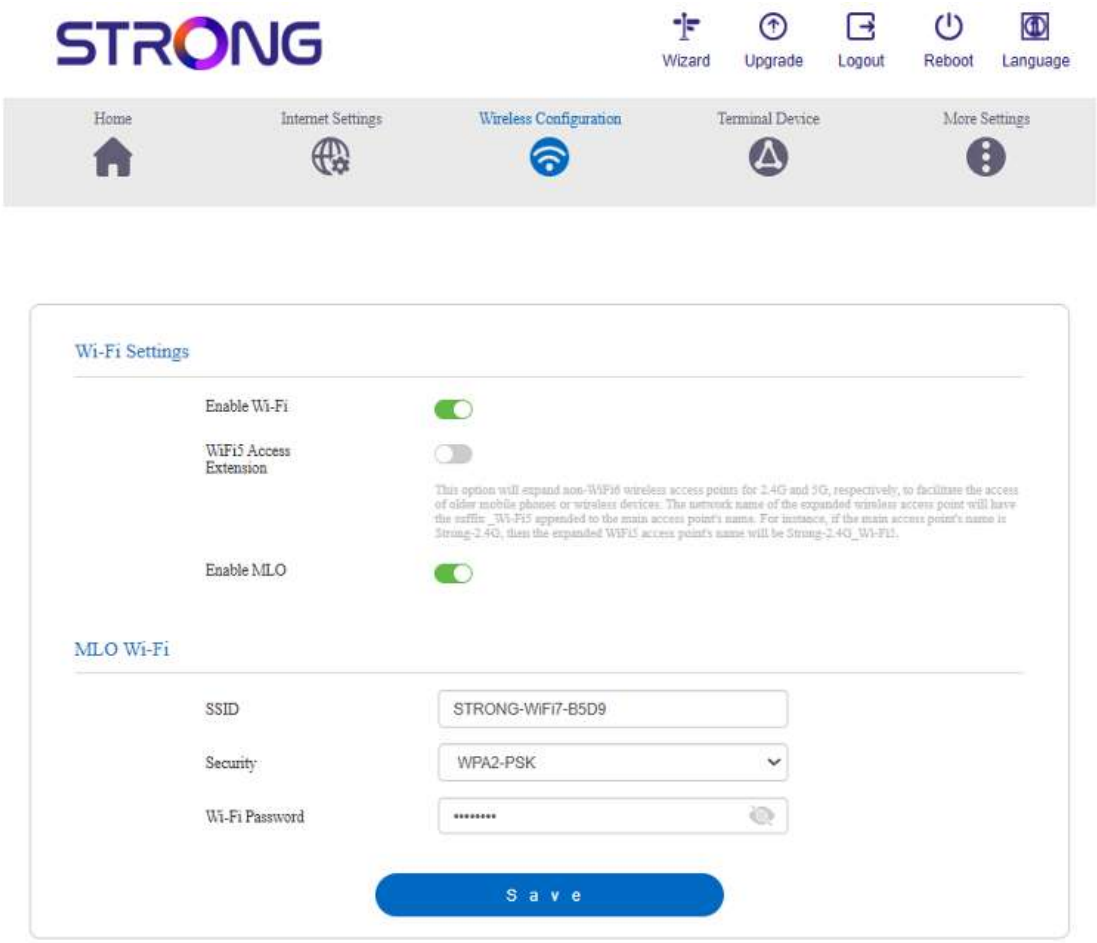
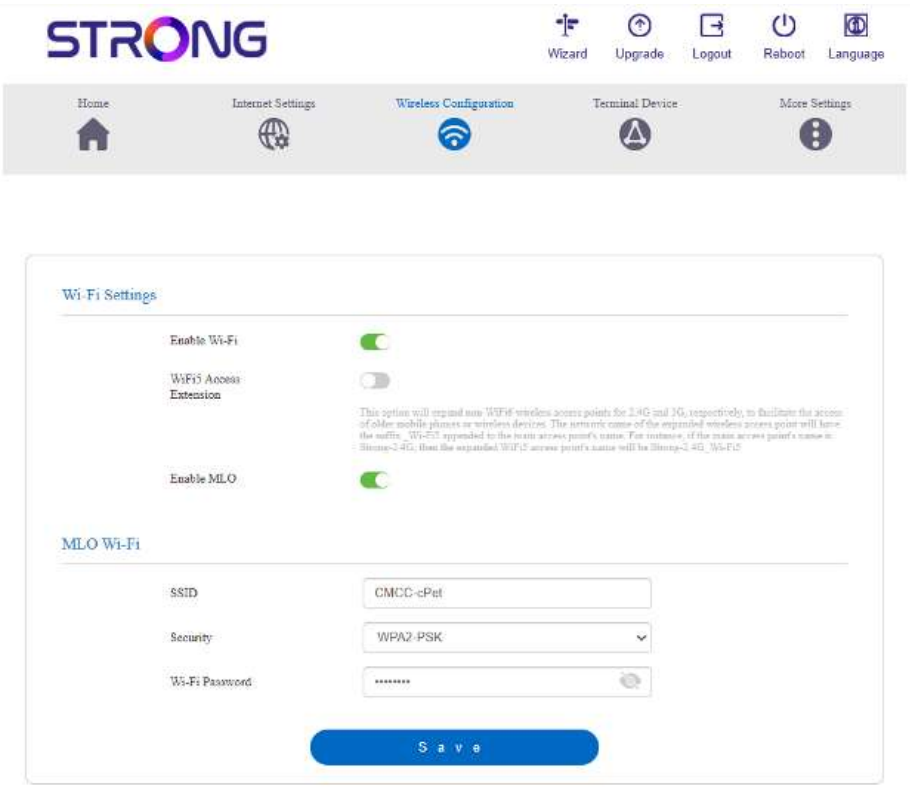


Fig. 6 — Wireless Configuration — Wi-Fi Settings

For setting 2.4GHz and 5GHz SSID separately, need disable MLO.


STRONG
Wizard
Upgrade
Logout
Reboot
Language
Home
Internet Settings
Wireless Configuration
Terminal Device
More Settings
Wi-Fi Settings
Enable Wi-Fi
WiFi5 Access Extension
Enable MLO
MLO Wi-Fi
SSID
CMCC-cPet
Security
WPA2-PSK
Wi-Fi Password
Save

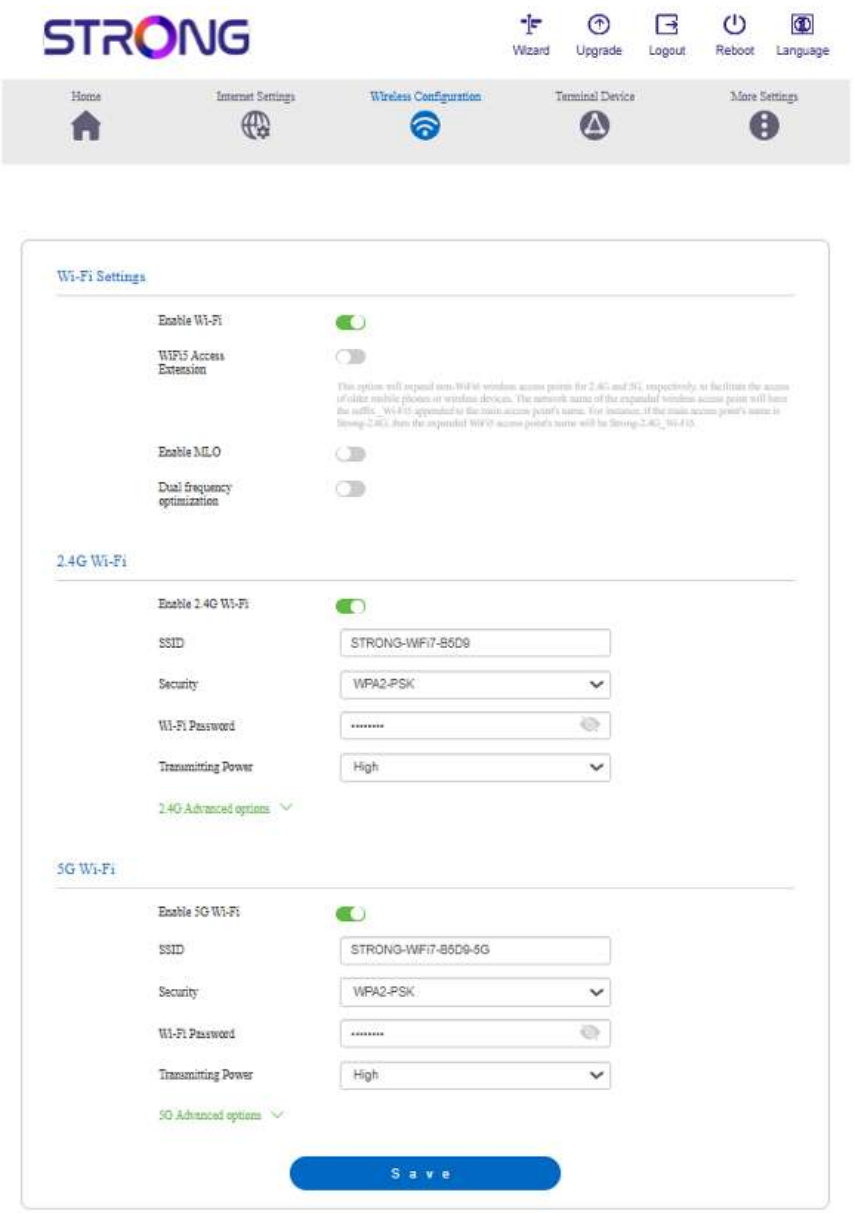


Fig. 7 — Wireless Configuration — MLO Wi-Fi disabled

4. Terminal Device

Lists all devices currently connected to the router (Wi-Fi and Ethernet), with their IP address, MAC address, online time, and real-time up/down throughput. An editable Speed limit column lets you cap each device's bandwidth.

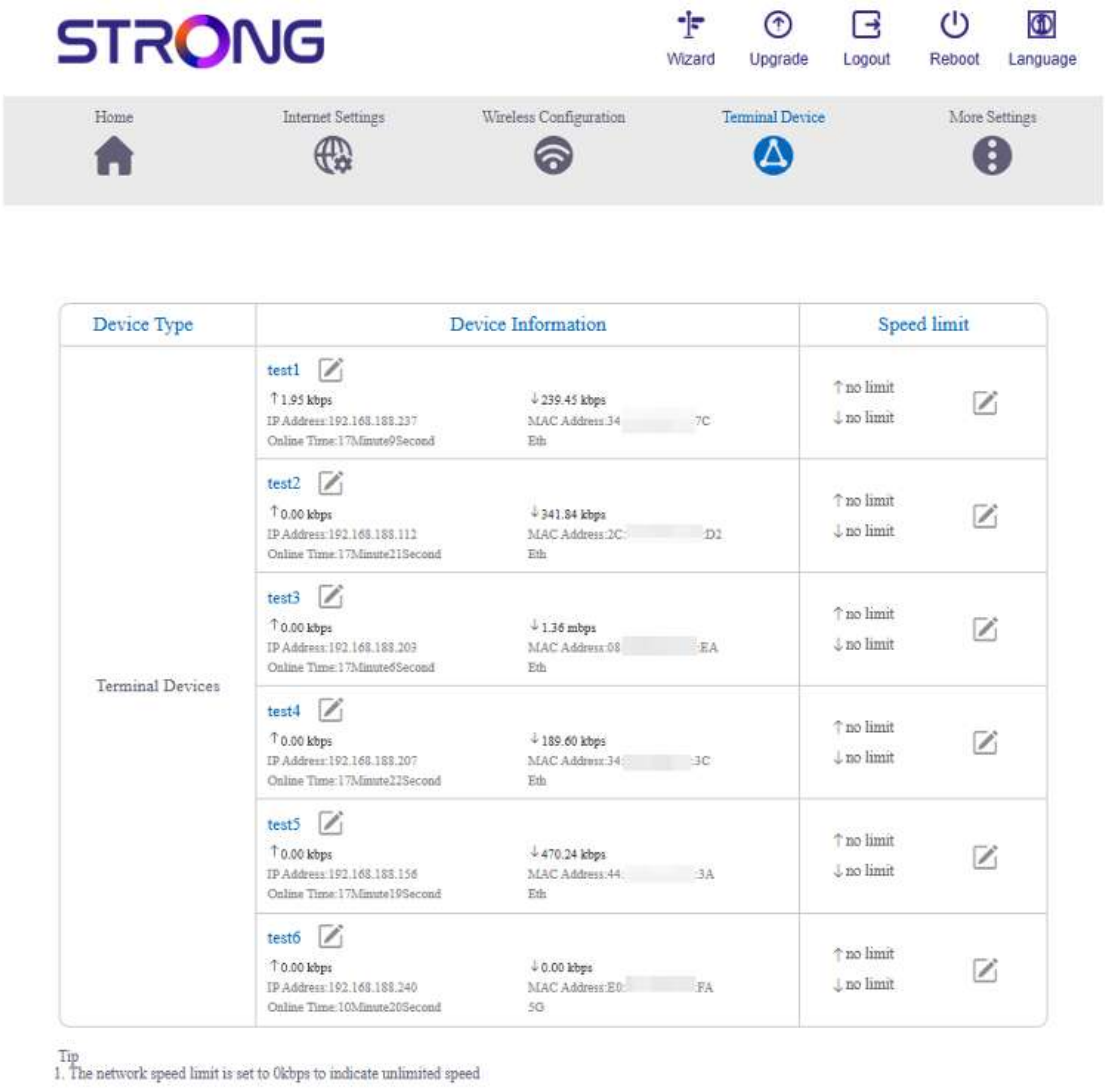


Fig. 8 — Terminal Device — connected devices and speed limit

5. More Settings

More Settings groups all advanced configuration behind a left-hand sidebar, organized into five sections: Device Information, Device Management, Lan Config, Wireless Configuration, Security Settings, and Other Settings.

5.1 Device Information

Read-only summary combining device identity, running status, WAN information, and LAN information on a single page.

Block	Content
Device Model / Hardware Version / Software Version / Device SN	Identification of the router and installed firmware.

Running Info	CPU Usage, Memory Usage, Upstream Rate, Downstream Rate.
WAN information	Uptime, Connection Mode, IPv4/IPv6 address, Subnet Mask, Default Gateway, Primary/Secondary DNS, MAC address.
LAN information	DHCP server status, LAN IPv4/IPv6 address, Subnet Mask, MAC address.

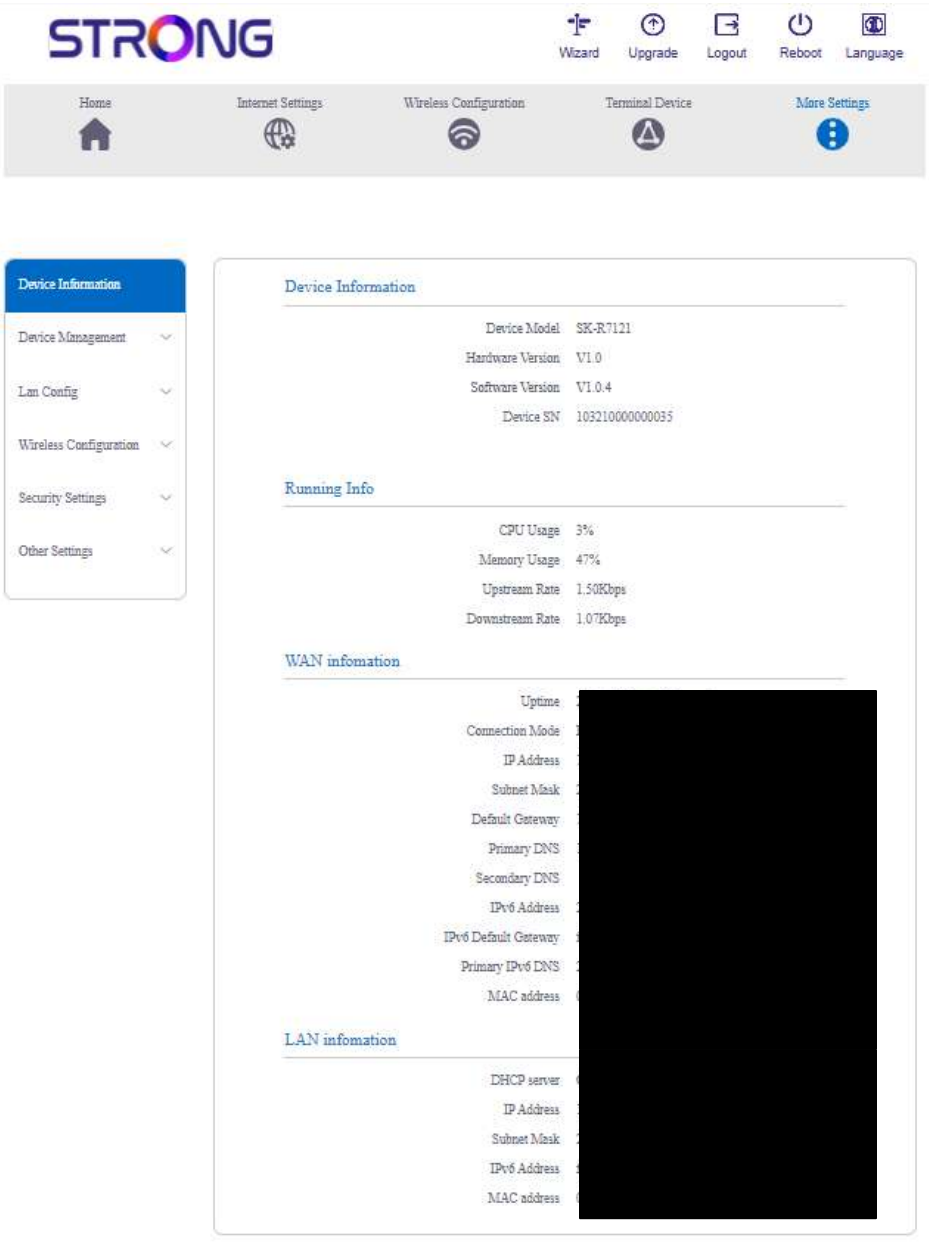


Fig. 9 — More Settings > Device Information

5.2 Device Management

Sidebar items: Language Setting, User Management, Software Upgrade, Scheduled Restart, NTP, Network Probe, LED Control, Backup & Restore.

5.2.1 Language Setting

Choose the Web UI display language from the drop-down list.

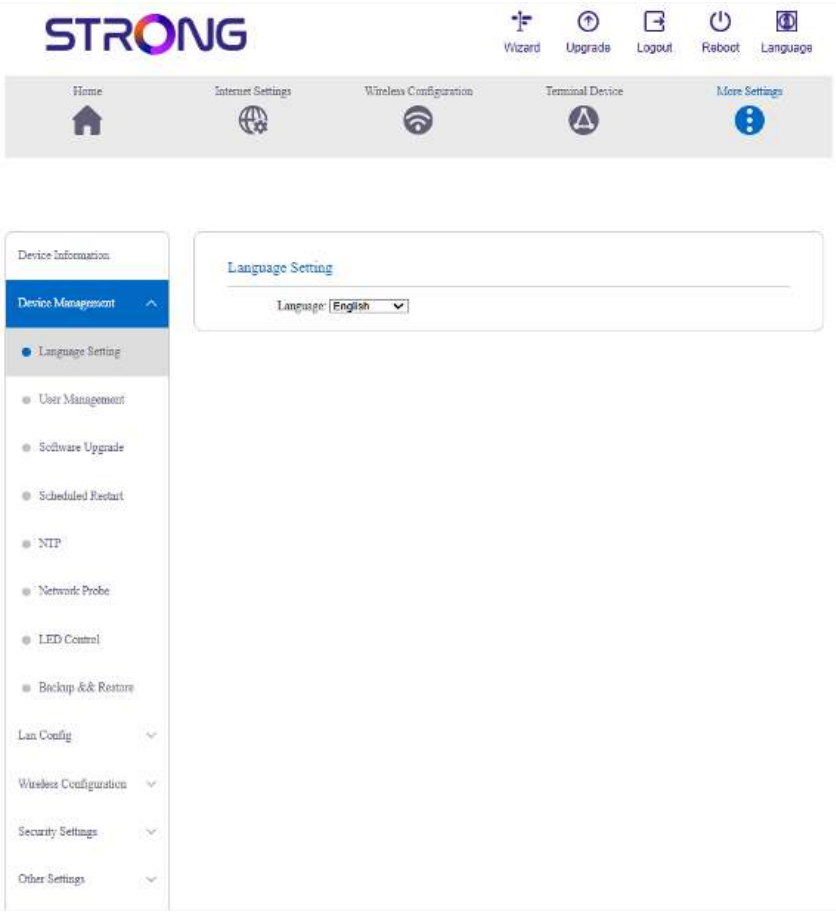


Fig. 10 — Device Management > Language Setting

5.2.2 User Management

Changes the administrator password: Old Password, New Password, Confirmed Password, then Save.

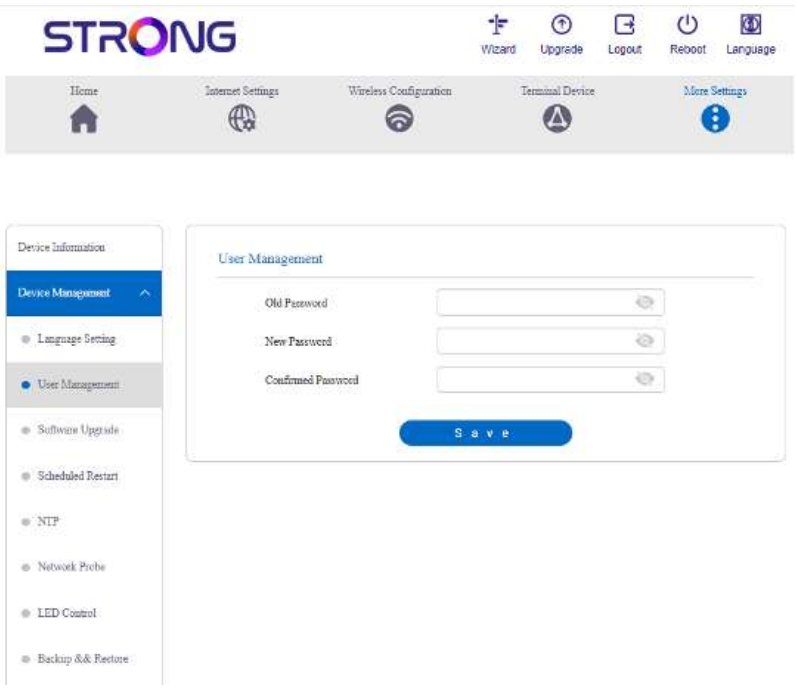


Fig. 11 — Device Management > User Management

5.2.3 Software Upgrade

Field	Description
Online Upgrade — Upgrade Enable	Enables automatic check on boot, on reconnection, and periodically.
Online Upgrade — Check	Manually checks for a new firmware version (Version status).
Local Upgrade — Choose File / update	Manually selects and uploads a firmware image downloaded from STRONG.

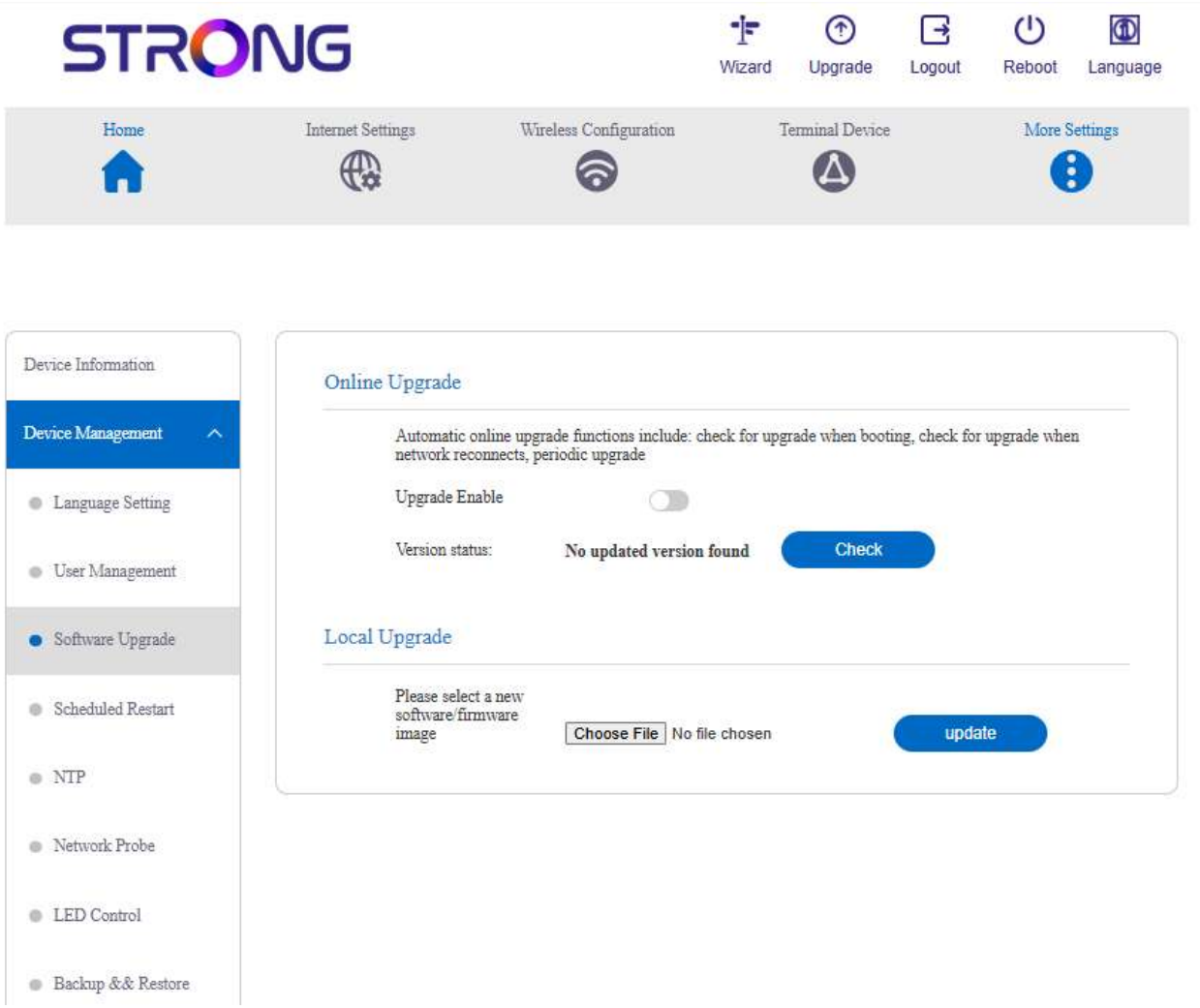


Fig. 12 — Device Management > Software Upgrade

⚠ **IMPORTANT** Never turn off the router during a firmware update. This could render the device unusable. This page is also reachable directly from the Upgrade icon in the top-right corner.

5.2.4 Scheduled Restart

Reboot Ontime: enable an automatic restart at a fixed Time, repeated on the selected days (Repeat).

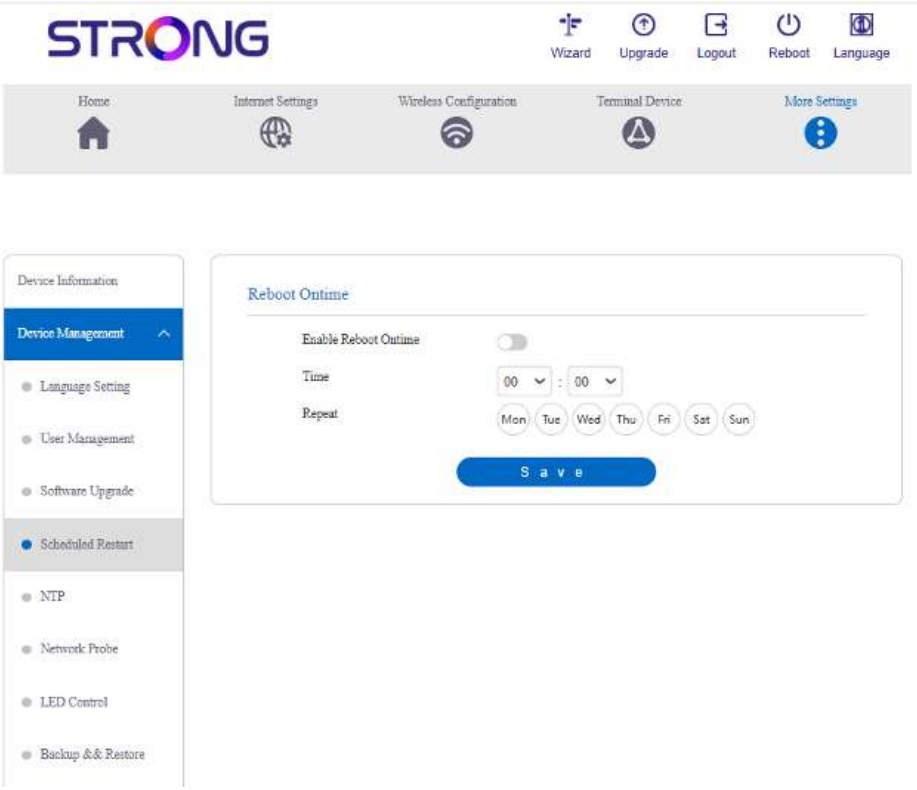


Fig. 13 — Device Management > Scheduled Restart

5.2.5 NTP

Field	Description
Current Date and Time	Read-only, current system time of the router.
Enable Network Time	Enables automatic time synchronization.
Time Zone	Drop-down list (e.g. GMT+01:00 Amsterdam, Berlin, Bern…).
Primary / Secondary NTP Server Address	NTP servers used for synchronization (default: 0.openwrt.pool.ntp.org / 1.openwrt.pool.ntp.org).

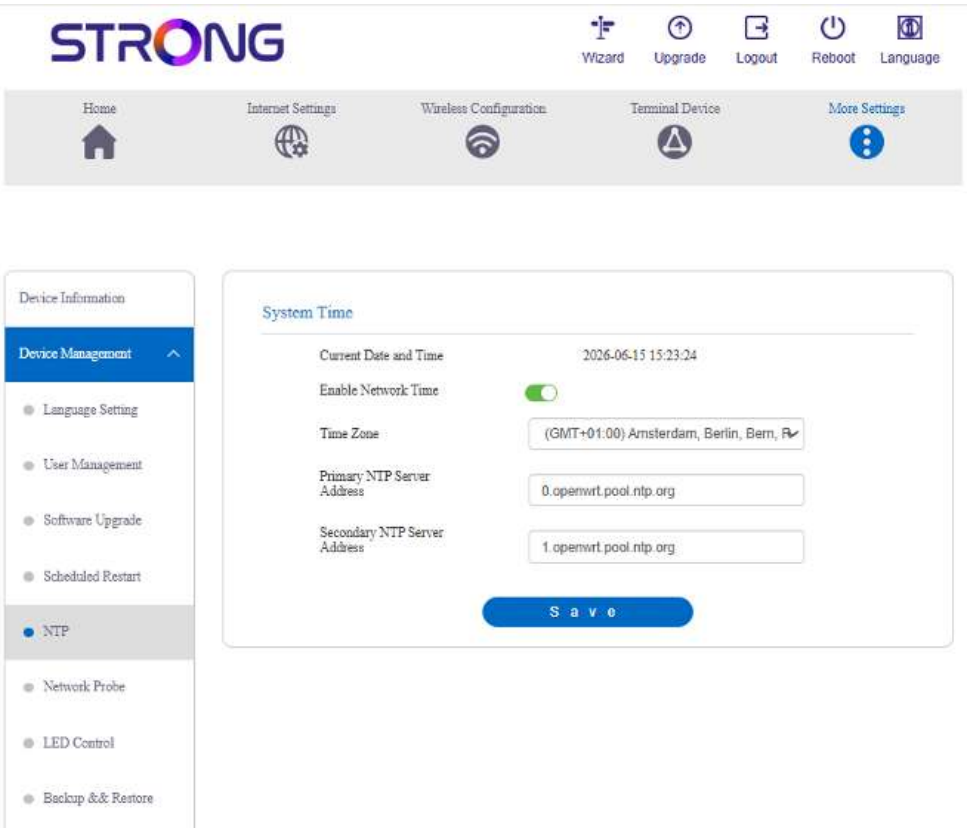


Fig. 14 — Device Management > NTP — System Time

5.2.6 Network Probe

Two diagnostic test modes, selected via Test mode:

Mode	Fields
Ping Diagnosis	IP Address or Host Name, IP Version (IPv4/IPv6). Click Ping Test, results appear in the text area below.
Trace Route Test	IP Address or Host Name, Maximum Hops (2–64), Wait Time (2–10 s), Protocol, IP Version. Click Submit; Cancel stops the test.

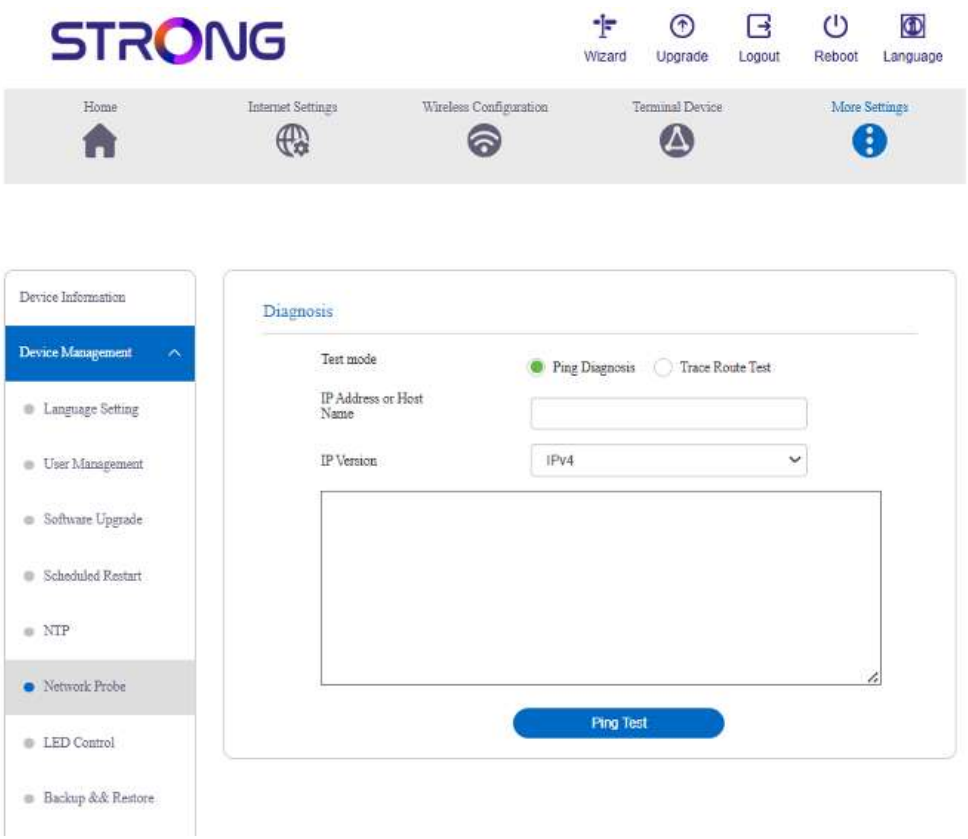


Fig. 15 — Device Management > Network Probe — Ping Diagnosis

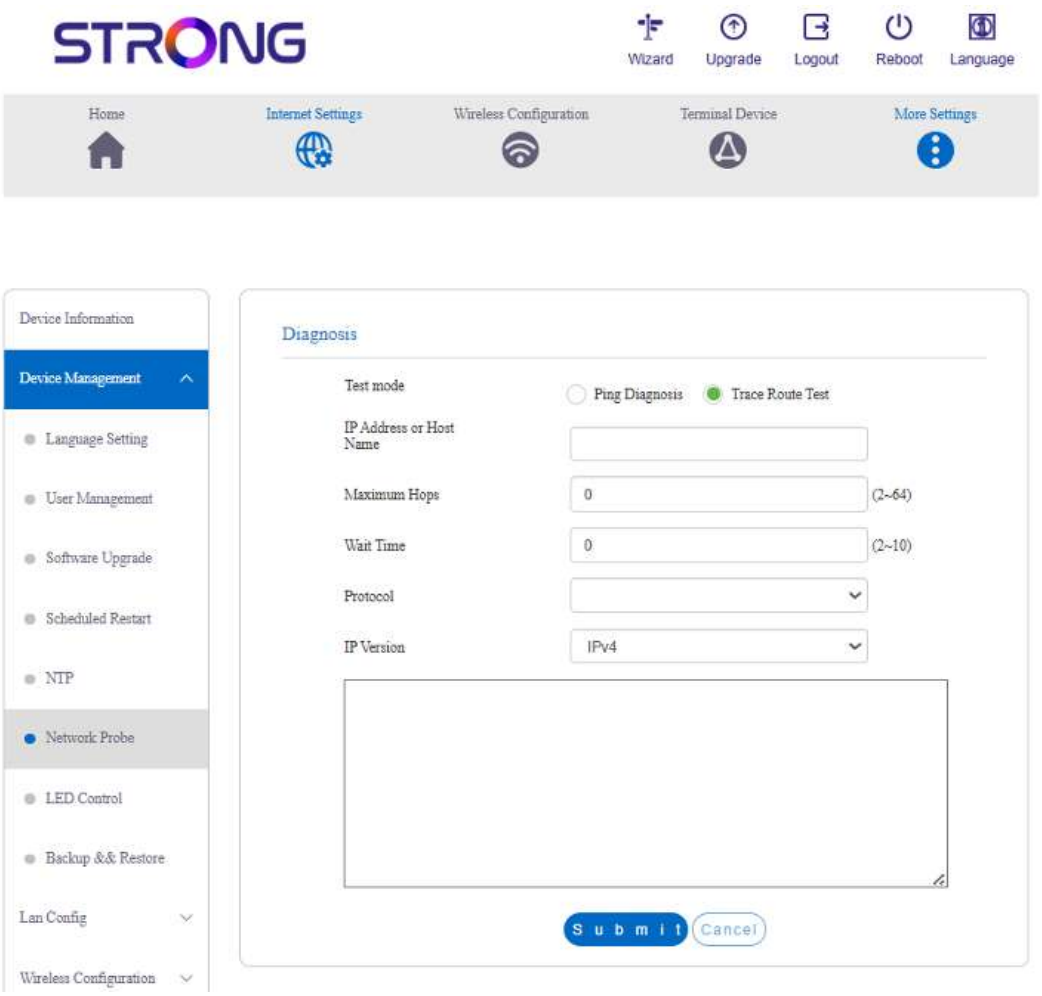


Fig. 16 — Device Management > Network Probe — Trace Route Test

5.2.7 LED Control

LED ON/OFF toggle. Switching it off turns off the front-panel status LED without affecting router operation.

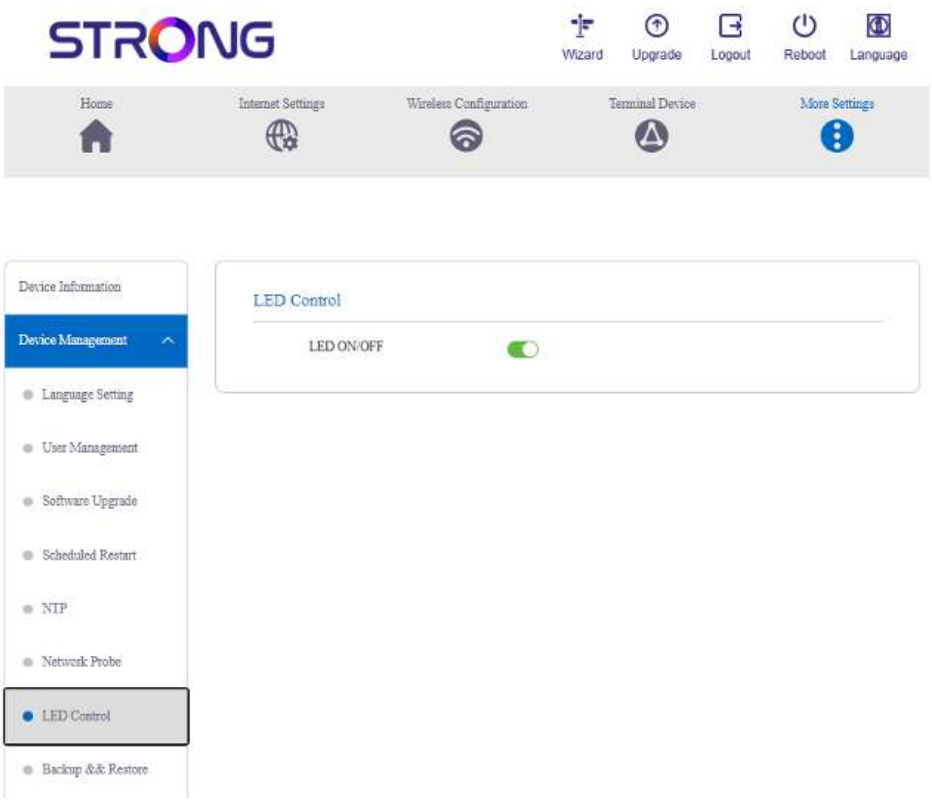


Fig. 17 — Device Management > LED Control

TIP Disabling the LED is useful if the router is placed in a bedroom and the light disturbs sleep.

5.2.8 Backup & Restore

Action	Description
Download configuration file — Backup configuration file	Downloads a full backup of the current configuration.
Upgrade configuration file — Browse + Load	Restores a previously saved configuration file. The router restarts automatically (~20 s).
Restore factory configuration — Restore factory configuration locally	Resets the router to factory settings. The device restarts automatically.

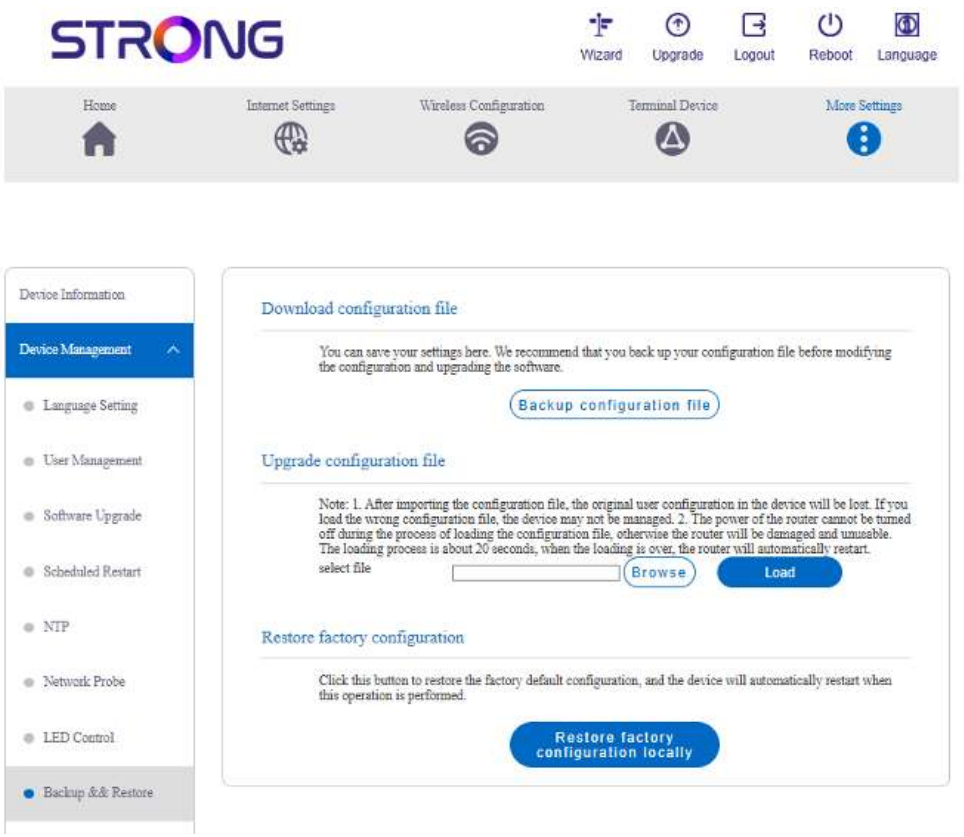


Fig. 18 — Device Management > Backup & Restore

⚠ **IMPORTANT** Never disconnect the power during configuration loading or a factory reset.

5.3 Lan Config

Sidebar items: IPv4 Config, IPv6 Config, IPTV, StaticIP.

5.3.1 IPv4 Config

Field	Description
Router login IP setting	LAN IPv4 address of the router (default: 192.168.188.1).
Subnet Mask	Default: 255.255.255.0.
Enable DHCP service	Enables the DHCP server on the LAN.
DHCP Start IP / DHCP End IP	Range of addresses distributed (default: 192.168.188.100 to 192.168.188.249).
DHCP lease	Lease duration (default: One day).
Enable Static DNS	Allows specifying custom DNS servers instead of the ISP's.

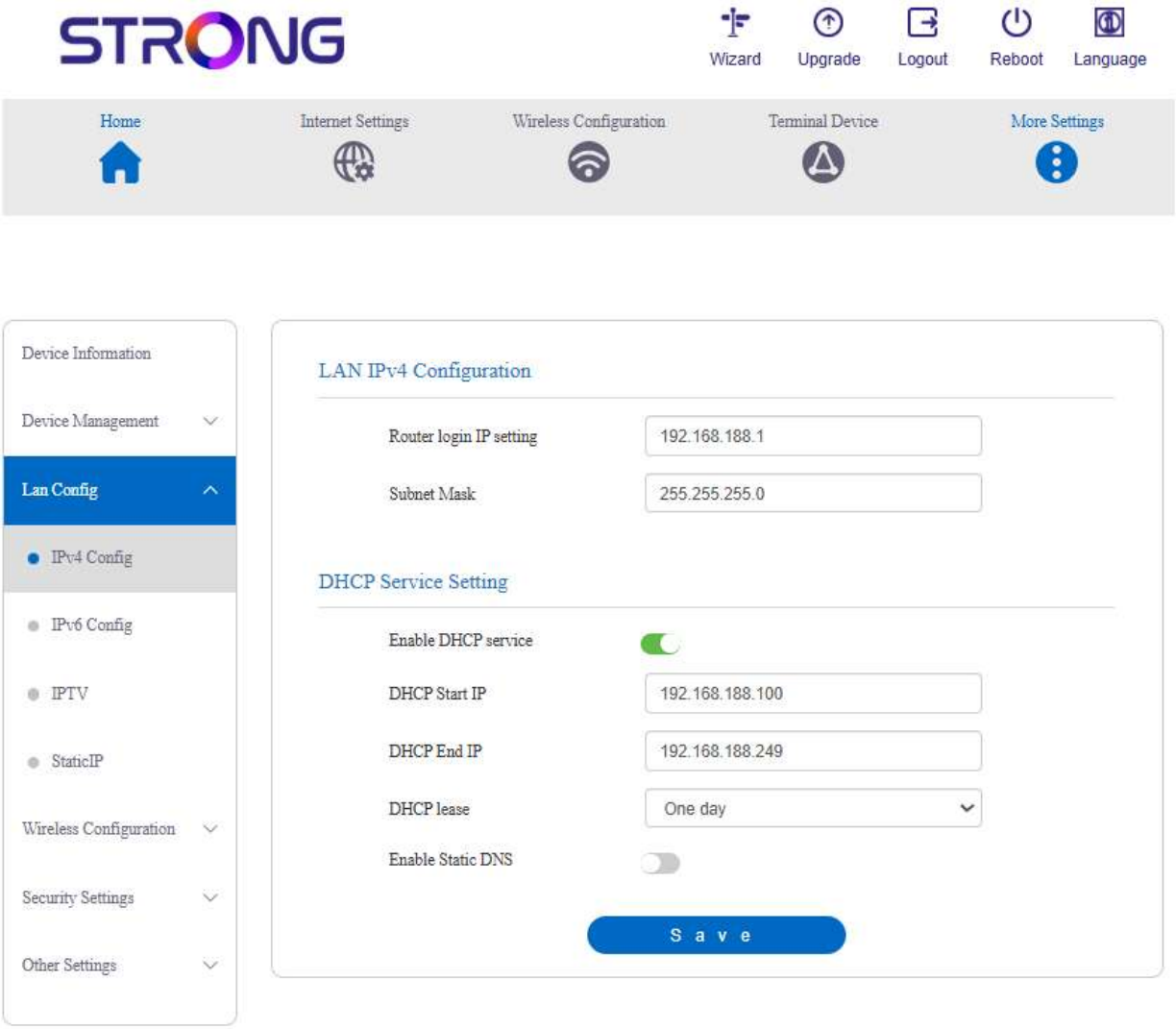


Fig. 19 — Lan Config > IPv4 Config

5.3.2 IPv6 Config

Field	Description
Enable DHCPv6 service	Enables IPv6 address distribution on the LAN.
LAN side DNS acquisition mode	WANConnection (uses the WAN's DNS) or another source.
Enable RA / Minimum Wait Time / Maximum Wait Time	Router Advertisement settings and timing (in seconds).
M / O flags	Managed and Other configuration flags for IPv6 SLAAC clients.

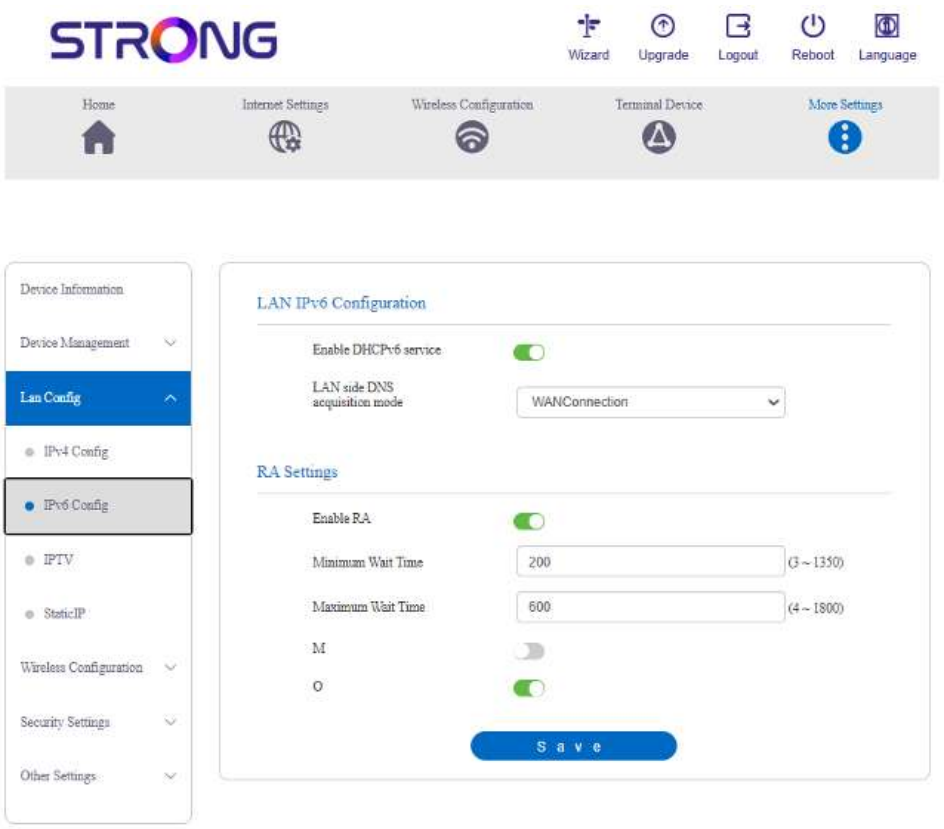


Fig. 20 — Lan Config > IPv6 Config

5.3.3 IPTV

Enable IPTV: must be bound to the corresponding port to take effect. Do not bind all ports, otherwise the network may not work properly.

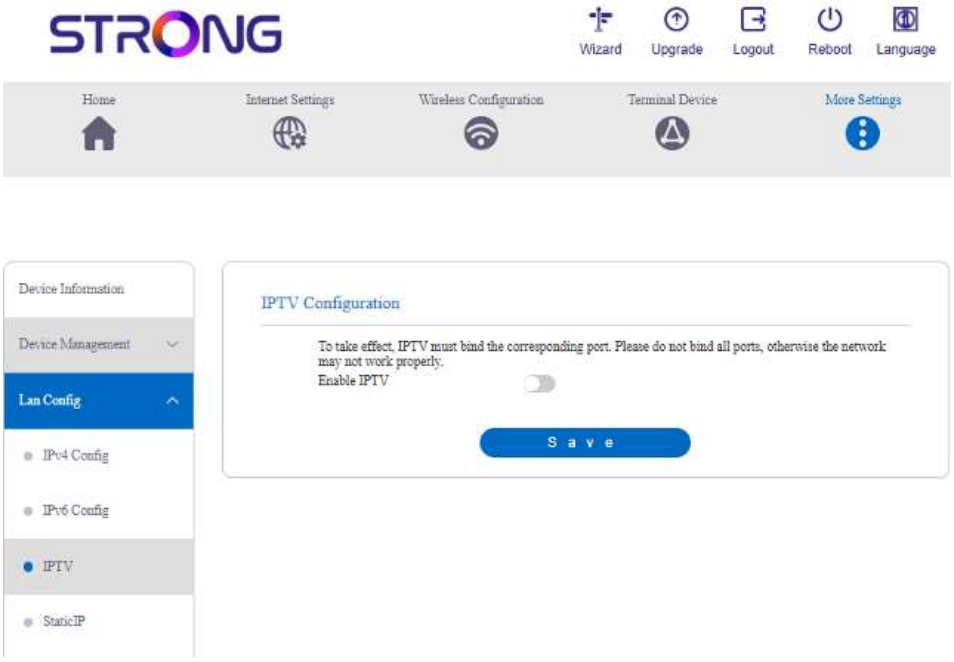


Fig. 21 — Lan Config > IPTV

5.3.4 StaticIP

Table of fixed IP ↔ MAC address associations (Static DHCP). Click Add/Apply to create an entry, then Save.

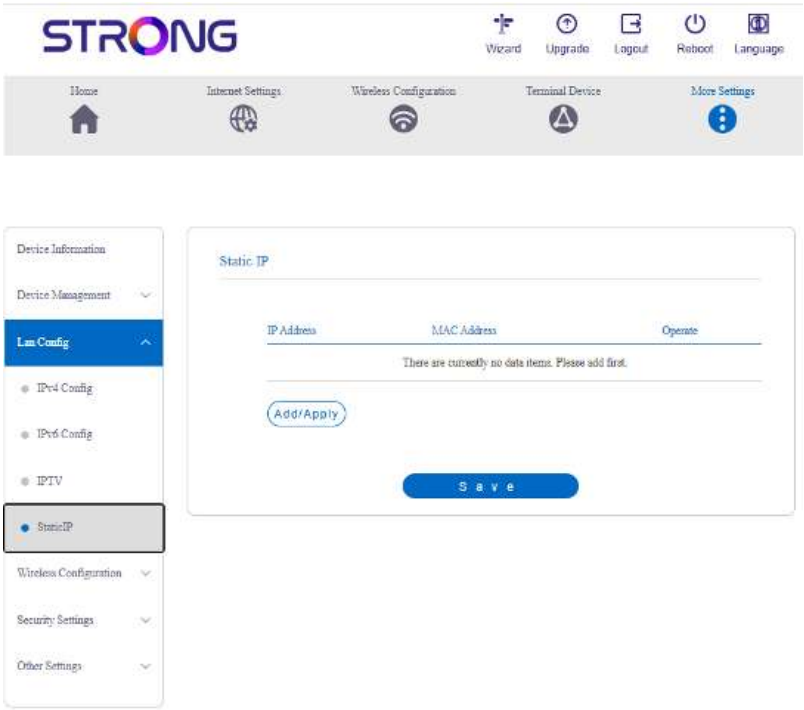


Fig. 22 — Lan Config > StaticIP

5.4 Wireless Configuration (advanced)

Sidebar items: Guest Wi-Fi, Wi-Fi Repeater, Wlan Access.

5.4.1 Guest Wi-Fi

Enable Guest Wi-Fi creates an isolated network for visitors, separate from the main SSID, for both the 2.4G and 5G bands.

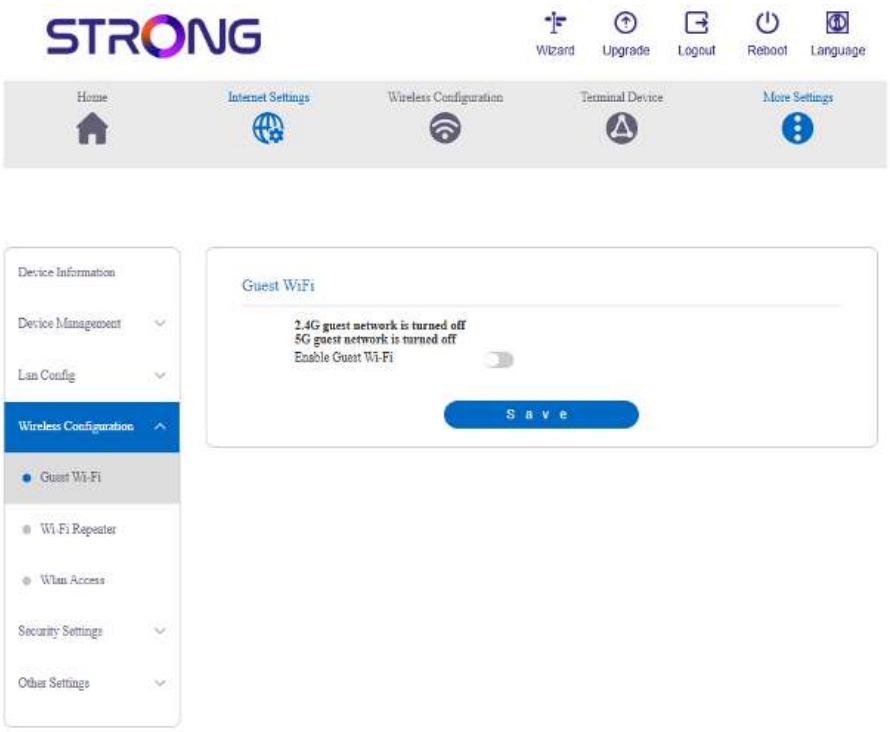


Fig. 23 — Wireless Configuration > Guest Wi-Fi

5.4.2 Wi-Fi Repeater

Uplink Mode lets the router connect to and extend an existing Wi-Fi network instead of using a wired WAN connection.

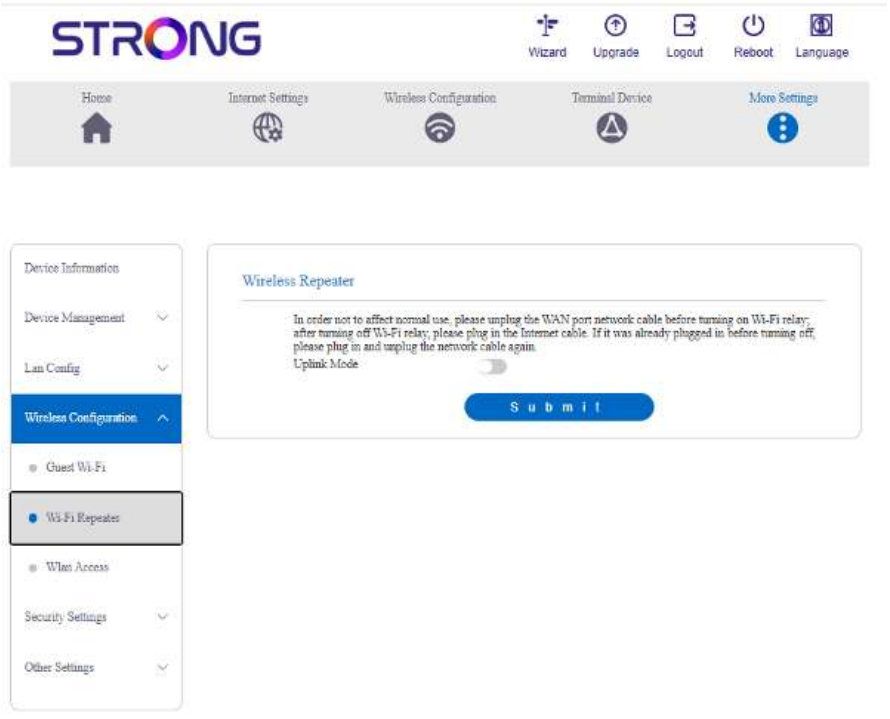


Fig. 24 — Wireless Configuration > Wi-Fi Repeater

NOTE Before turning on Wi-Fi relay, unplug the WAN port network cable. After turning it off, plug the Internet cable back in (unplug/replug if it was already connected).

5.4.3 Wlan Access

Wi-Fi ACL: in blacklist mode, listed devices cannot connect; in whitelist mode, only listed devices can connect. Enable wireless access device control, then Add/Apply each Device name and MAC address.

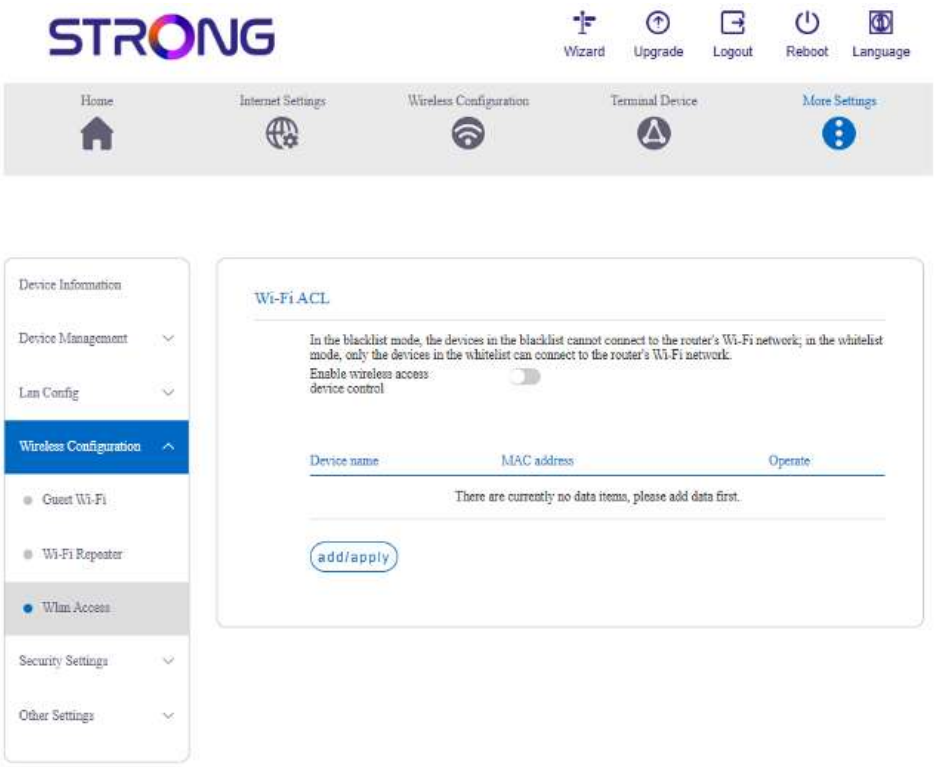


Fig. 25 — Wireless Configuration > Wlan Access (Wi-Fi ACL)

5.5 Security Settings

Sidebar items: Firewall Config, Attack Protection Settings.

5.5.1 Firewall Config

Firewall Level	Description
High	Allow legal URL access, but Ping is forbidden.
Middle	Allow legal WAN side access and resist certain types of dangerous data travelling over the Internet.
Low (default)	Allow legal URL access and Ping is permitted.

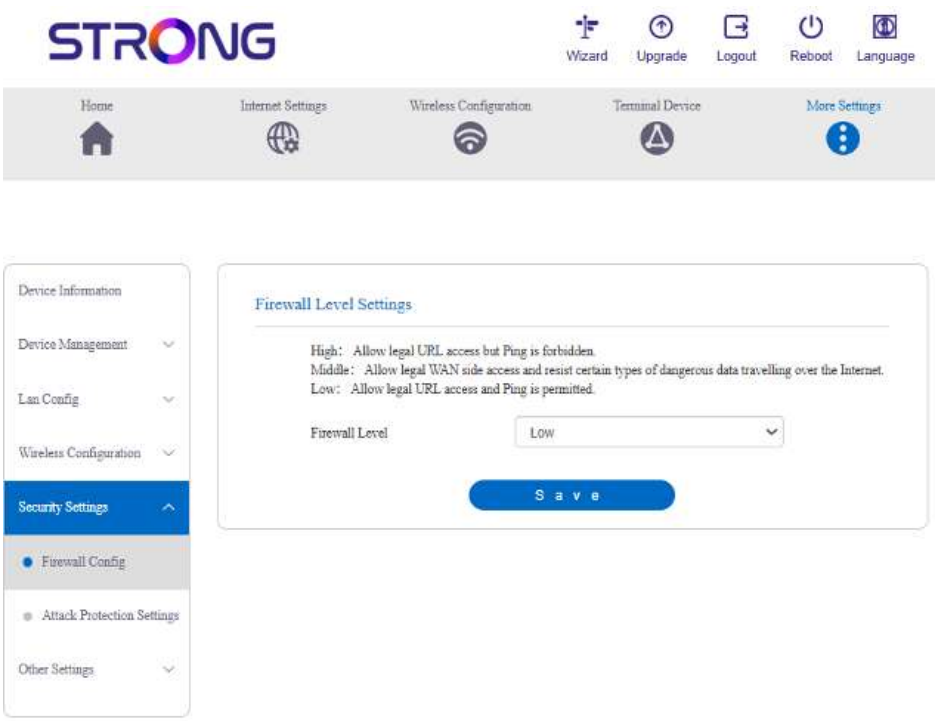


Fig. 26 — Security Settings > Firewall Config

5.5.2 Attack Protection Settings

Option	Description
Enable Firewall Protection	General protection against common network attacks.
Enable Anti-DOS Protection	Protects against denial-of-service attacks (enabled by default).
Enable Anti-port Scan Protection	Blocks port-scanning attempts from the WAN.

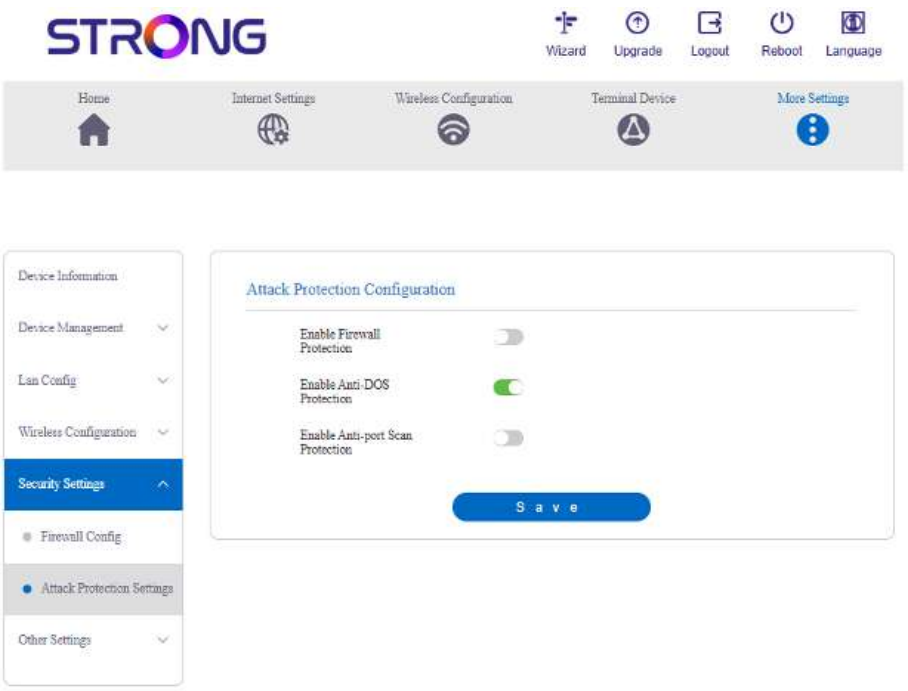


Fig. 27 — Security Settings > Attack Protection Settings

5.6 Other Settings

Sidebar items: DMZ Settings, IGMP PROXY, SNOOPING, UPnP Settings.

5.6.1 DMZ Settings

Enable exposes a chosen LAN device directly to the Internet (all unmatched WAN traffic is redirected to it).

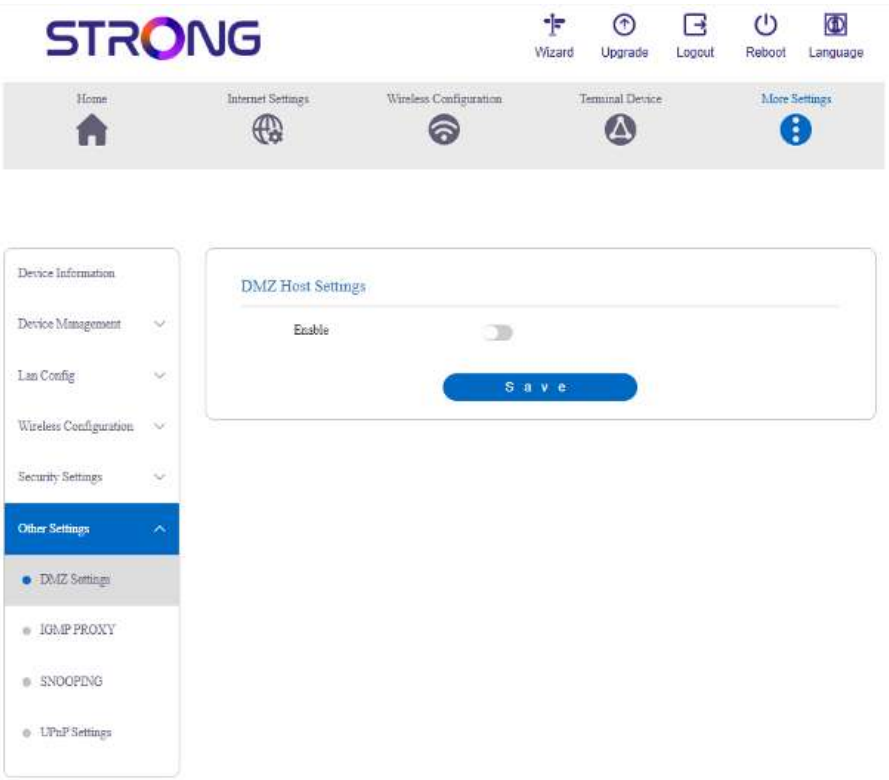


Fig. 28 — Other Settings > DMZ Settings

⚠ **IMPORTANT** The DMZ exposes the host to ALL incoming Internet connections. Use only for devices with their own protection.

5.6.2 IGMP PROXY

Enable IGMP PROXY to relay multicast group membership between LAN and WAN — typically required for IPTV.

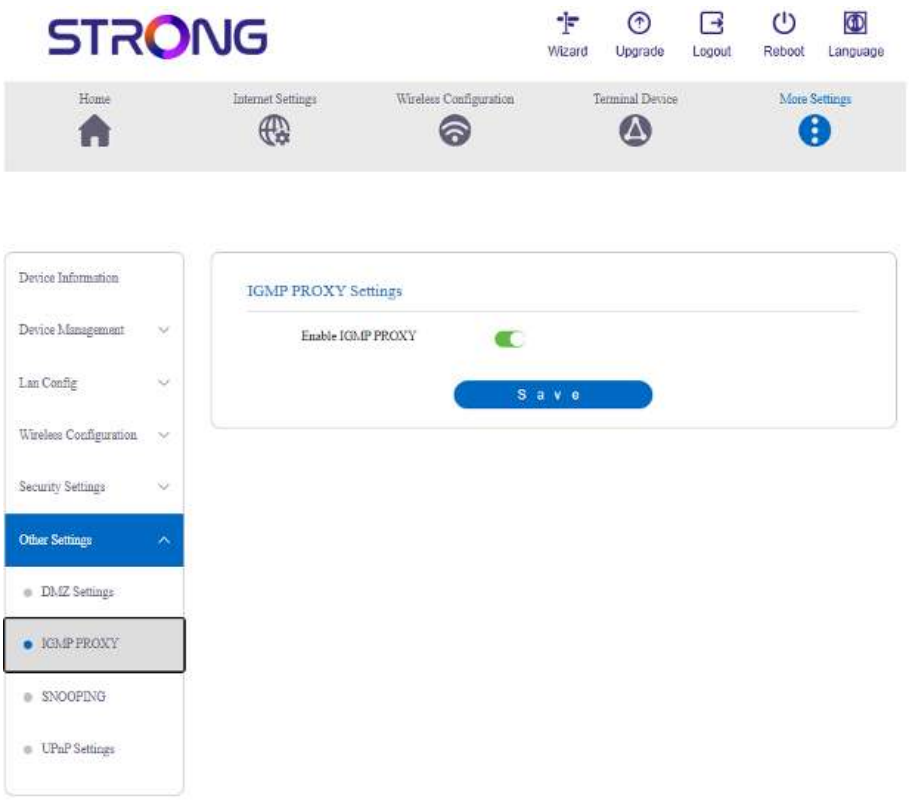


Fig. 29 — Other Settings > IGMP PROXY

5.6.3 SNOOPING

Enable SNOOPING (IGMP Snooping) to optimize multicast traffic distribution on the LAN.

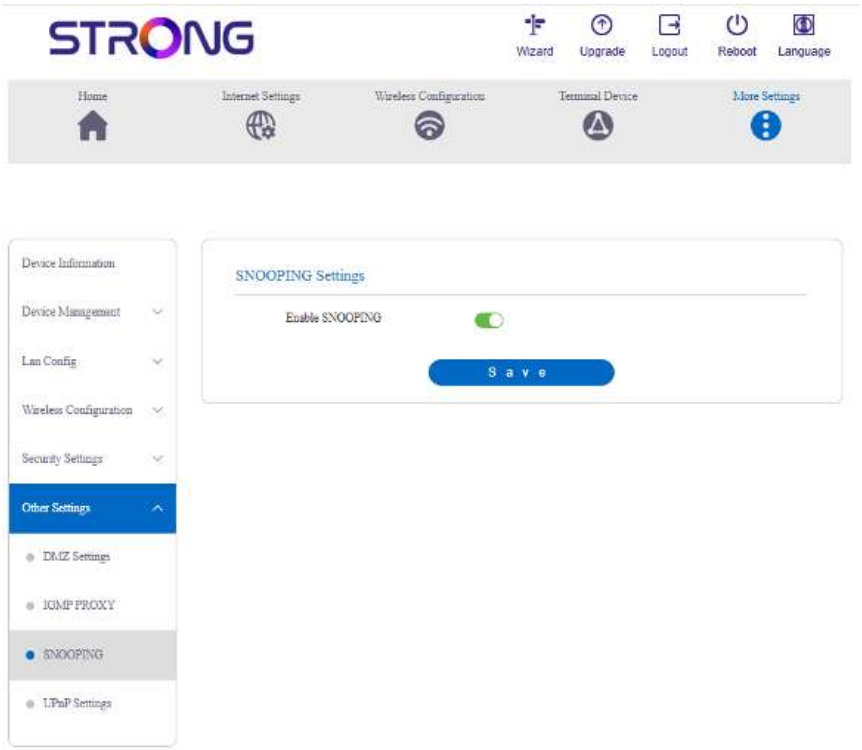


Fig. 30 — Other Settings > SNOOPING

5.6.4 UPnP Settings

Enable UPnP configuration lets compatible applications (games, file sharing, VoIP) automatically open the ports they need.

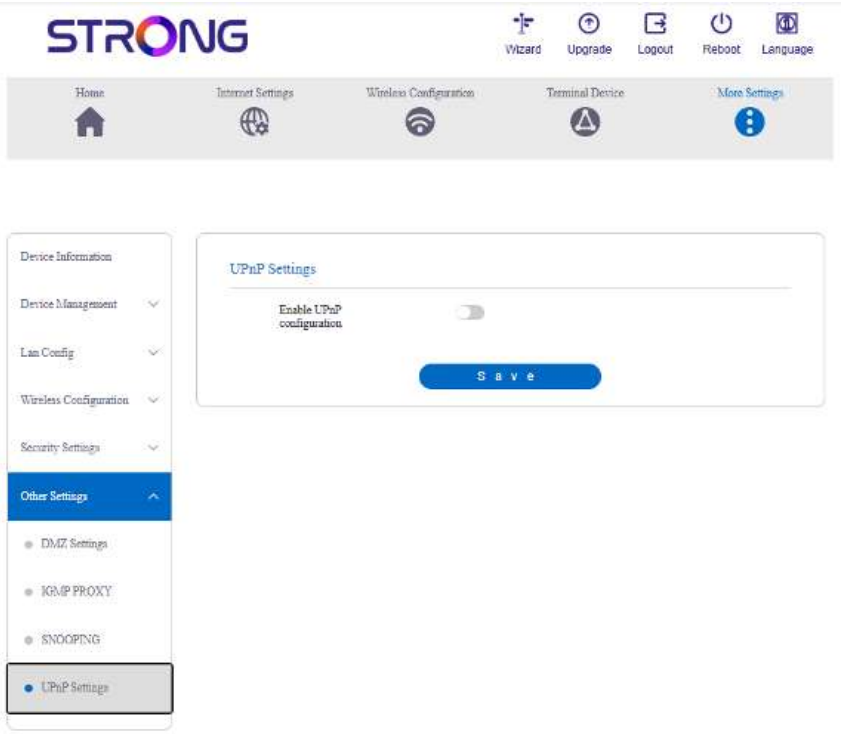


Fig. 31 — Other Settings > UPnP Settings

6. Quick-access icons (top-right corner)

Available on every page of the Web UI:

Icon	Action
Wizard	Relaunches the guided Setup Wizard — Internet Mode selection (Bridge / DHCP Dynamic Access / PPPoE / Static IP).
Upgrade	Shortcut to Device Management > Software Upgrade (see 5.2.3).
Logout	Signs out of the Web UI.
Reboot	Restarts the router after a confirmation pop-up (Are you sure to restart? — Confirm / Cancel).
Language	Quick language switch, identical to Device Management > Language Setting.

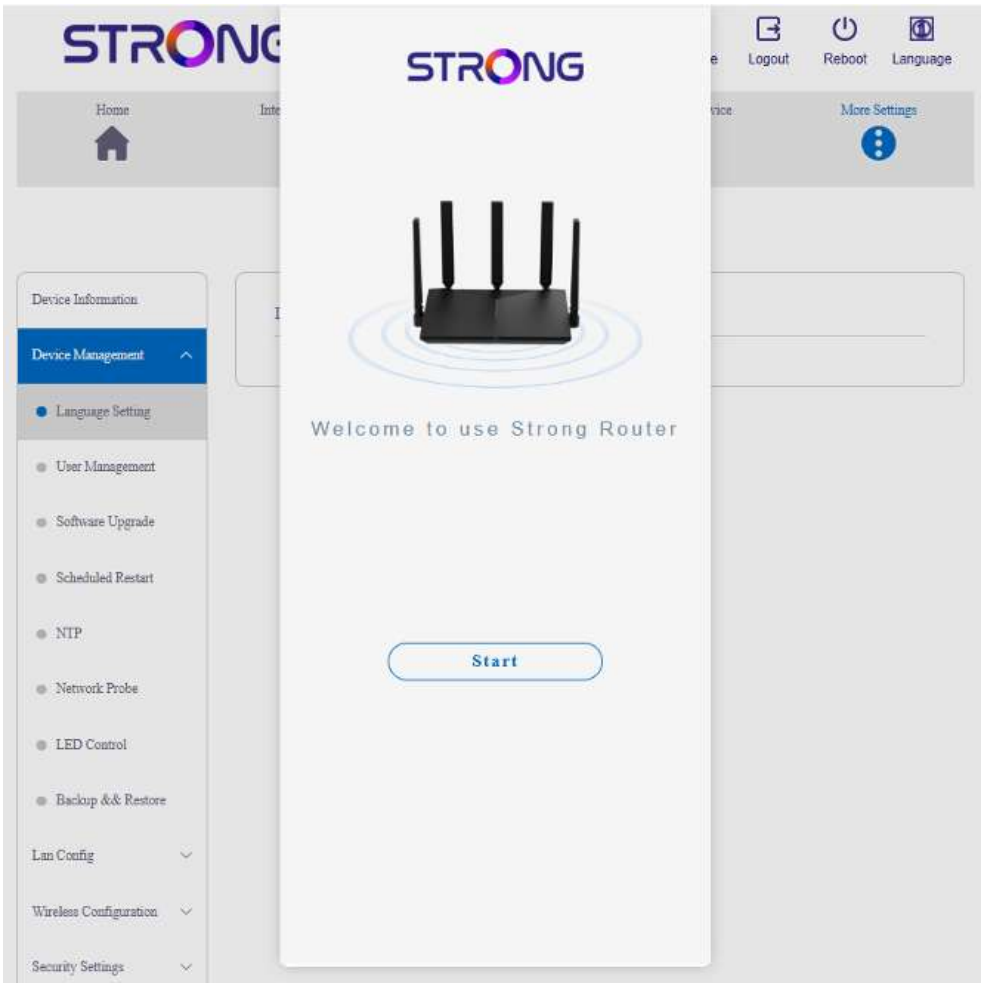


Fig. 32 — Setup Wizard — welcome screen

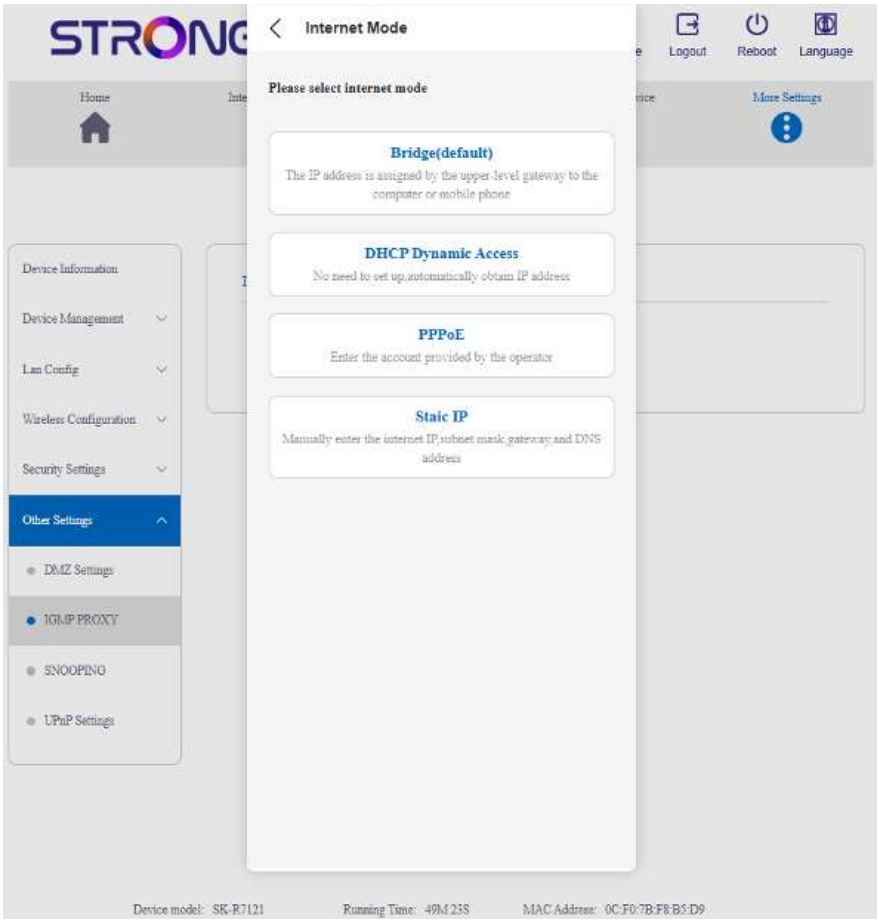


Fig. 32 — Setup Wizard —Internet Mode selection

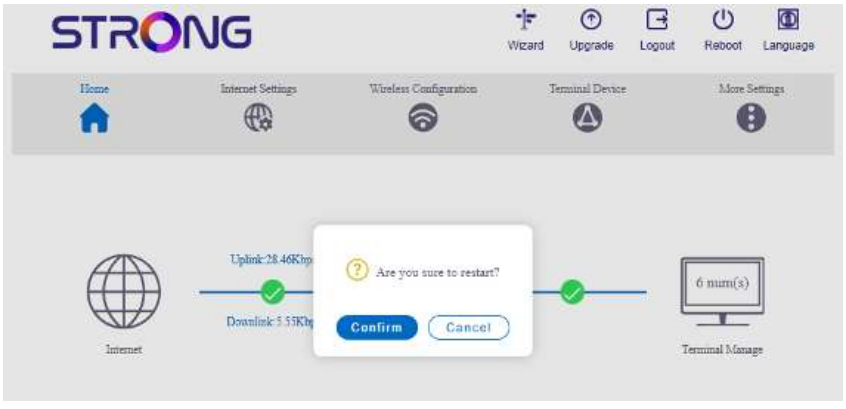


Fig. 33 — Reboot — confirmation pop-up

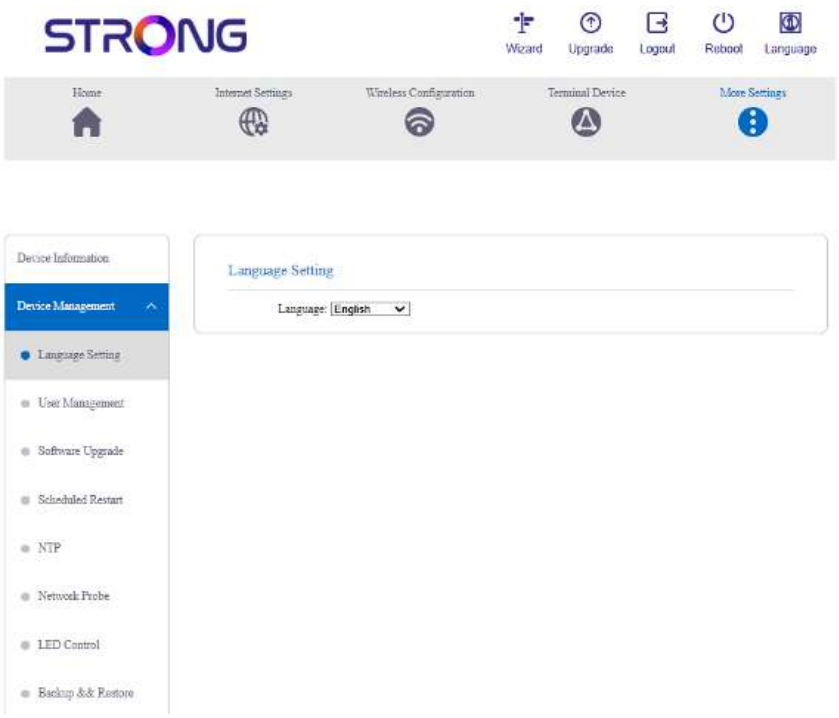


Fig. 34 — Language — quick switch pop-up

IV. Common operations

1. Change the Wi-Fi name and password

- Go to Wireless Configuration.
- Change the SSID and Wi-Fi Password.
- Click Save.

TIP If MLO is enabled, set its own SSID and password in the MLO Wi-Fi block on the same page.

2. Create a guest Wi-Fi network

- More Settings > Wireless Configuration > Guest Wi-Fi.
- Check Enable Guest Wi-Fi.
- Click Save.

3. Enable Wi-Fi 7 MLO

- Wireless Configuration: check Enable MLO (default is enabled).
- Set the MLO SSID, Security, and Wi-Fi Password in the MLO Wi-Fi block.
- Click Save.

4. Use in Wi-Fi Repeater mode

- More Settings > Wireless Configuration > Wi-Fi Repeater.
- Unplug the WAN cable, then enable Uplink Mode.
- Click Submit. The router connects to the source Wi-Fi network.

NOTE In Repeater mode, the router extends the range of an existing Wi-Fi network.

5. Limit a device's bandwidth

- Terminal Device: locate the device in the list.
- Click the pencil icon in the Speed limit column.
- Enter the desired up/down limit

6. Backup and restore configuration

- More Settings > Device Management > Backup & Restore: click Backup configuration file.
- To restore: Browse, select the file, then Load.

V. Technical Specifications

General characteristics

Characteristic	Value
Product reference	ROUTERBE3600
CPU	AN7563CT
Power supply	External — DC 12V / 1.5A
Warranty	4 years
Certification	CE

Wi-Fi

Characteristic	Value
Wi-Fi standard	IEEE 802.11 a/b/g/n/ac/ax/be (Wi-Fi 7)
Bands	Simultaneous Dual-Band 2.4 GHz + 5 GHz
Total Wi-Fi speed	3,600 Mbps
Wi-Fi 7 MLO	Yes — Multi-Link Operation
Antennas	5 × external antennas 3 dBi

Wi-Fi security	WPA2 / WPA3 / WPA
Wi-Fi functions	MLO · Guest Wi-Fi · Wi-Fi ACL · WiFi5 Access Extension · Dual frequency optimization · Wi-Fi Repeater

Software and network functions

Function	Support
Internet Mode	Bridge · DHCP Dynamic Access · PPPoE · Static IP
DHCP	DHCP Server · Static DHCP · Client List
NAT / Forwarding	DMZ · UPnP
IPTV	IGMP PROXY · SNOOPING
Security	Firewall (High/Middle/Low) · Anti-DOS · Anti-port Scan · Wi-Fi ACL
Management	Web UI interface · MySTRONG application · Setup Wizard · OTA update
Others	NTP · LED Control · Backup & Restore · Network Probe (Ping, Trace Route) · Scheduled Restart

Legal Notice

This product complies with the applicable European directives. The CE mark certifies its compliance. STRONG is a registered trademark, a subsidiary of Skyworth.

Actual performance may vary depending on the network environment, building materials, and electromagnetic interference. STRONG reserves the right to modify specifications without prior notice.

Note: Ports and services enabled by default factory (53, 443, 1025, 1026)

Port	Typical Service/Program	Type of business
53	DNS (Domain Name System)	Core internet infrastructure
443	HTTPS (encrypted web)	Secure web browsing / management
1025	Ephemeral start / custom app	Dynamic or application-specific
1026	Router admin (occasional) / custom app	Often application-specific or administrative

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