STRONG

STRONG

5G Router Wi-Fi 7 7200

5GROUTERBE7200

Qualcomm SDX72 SoC | Wi-Fi 7 BE7200 | 5G NR SA & NSA | 4-year warranty

User Manual

User Manual | Bedienungsanleitung | Manuale utente | Manual del usuario
Gebruiksaanwijzing | Brugervejledning | Brukerveiledning | Användarhandbok
Manual do utilizador | Korisnički priručnik | Uživatelský manuál | Podręcznik użytkownika

Table of Contents

I. Introduction

1. General Overview

Fig. 1 — Getting started in 3 steps: plug in, insert the SIM, connect your devices

Welcome to the comprehensive user guide for the STRONG 5G Router Wi-Fi 7 7200 (ref. 5GROUTERBE7200). This manual guides you from the initial power-up to the complete mastery of each function.

The 5G Router Wi-Fi 7 7200 is a high-end router featuring a 5G modem based on the Qualcomm SDX72 SoC (3GPP Release 17). It allows you to benefit from ultra-fast Internet connectivity with a simple nano SIM card, without any mandatory subscription and without complex configuration. Compatible with all major operators. Share your 5G connection with up to 64 devices simultaneously.

Main features:

- 5G NR (NSA & SA) up to 4 Gbps download, 900 Mbps upload — Qualcomm SDX72 SoC, 3GPP Release 17
- Wi-Fi 7 (IEEE 802.11be) dual-band: 1,376 Mbps @ 2.4 GHz + 5,765 Mbps @ 5 GHz = 7.2 Gbps total
- Wi-Fi 7 Multi-Link Operation (MLO): simultaneous aggregation of 2.4 GHz and 5 GHz bands
- 4 internal 5G antennas and 4 internal Wi-Fi antennas (3 dBi) — 8 Wi-Fi streams (4+4)
- 1 x 2.5 Gbps Ethernet port (WAN/LAN 2.5GbE) + 1 x 1 Gbps Ethernet port (LAN GbE)
- 1 RJ-11 port (TEL) for landline telephony: VoNR (5G), VoLTE (4G), SIP VoIP
- NFC One Touch Connect: simply place your Android smartphone on top of the router to connect to Wi-Fi without a password
- WPA2, WPA2/WPA3 & WPA3 security — SPI firewall — parental control — URL/IP/MAC filters
- Full Web UI interface at http://192.168.0.1 — compatible with all browsers
- Automatic firmware update (OTA) — 4-year warranty

> ⚠ **IMPORTANT**
> The 5G Router Wi-Fi 7 7200 uses only a physical nano SIM card. It does NOT support eSIM. The SIM card is not included in the box.

2. Box Contents

Item	Description
5G Router Wi-Fi 7 7200 × 1	The router (ref. 5GROUTERBE7200) with all its internal antennas.
RJ-45 Ethernet cable × 1	Network cable for wired connection to a computer, TV, or switch.
DC 12V/2A power adapter × 1	External power supply. Plug into the POWER port of the router, then into the wall socket.
Documentation	Quick start guide and regulatory information.

> ⚠ **IMPORTANT**
> A nano SIM card is NOT included. Please obtain a 5G/4G nano SIM card from your operator.

3. Physical overview of the router

The 5G Router Wi-Fi 7 7200 features an elegant vertical cylindrical design, with a ventilated black base that ensures heat dissipation. Its 5G and Wi-Fi antennas are all internal.

3.1 Front side (facade)

Fig. 2 — Front side: WPS button and LED indicators

Component	Description
WPS button (round, at the top)	Raised circular button on the front side. Short press: activates a WPS PBC session to connect a Wi-Fi device without a password. This button is also used to power the router on or off.
POWER LED	Power status indicator. Solid blue = router operational.
Wi-Fi LED	Wi-Fi status indicator. Solid blue = Wi-Fi active. Off = Wi-Fi disabled.
5G LED	5G connection indicator. Solid blue = connected to the 5G NR network.
4G/3G LED	4G/3G connection indicator. Solid blue = connected to the LTE or UMTS network. Blinking = data transfer in progress.
STRONG logo	Silkscreen on the lower part of the front side.

3.2 Rear side (connection panel)

Fig. 3 — Rear panel: connection ports and power button

Port / Component	Description
POWER / WPS (button, at the top)	Button on the rear side. Short press: turns the router on or off. Long press: activates WPS. Separate from the WPS button on the front side.
TEL (RJ-11 port)	Telephone port for connecting a standard landline phone or a DECT base. Compatible with VoNR (5G), VoLTE (4G), and SIP VoIP.
WAN/LAN (2.5GbE port)	2.5 Gbps Ethernet port. In WAN mode: connect your Internet box or modem to use the router behind a wired connection (with automatic 5G failover in case of outage — 5G failover). In LAN mode: connect a wired device at 2.5 Gbps.
LAN (GbE port)	1 Gbps Ethernet port for wired connection of a device (computer, TV, console, NAS…).
POWER (DC connector)	DC 12V/2A power connector. Plug in the supplied power adapter.

3.3 Bottom (circular base)

Fig. 4 — Bottom: nano SIM slot and Reset button

Component	Description
SIM slot (with cover)	Slot for the nano SIM card. The sliding cover is marked with the label '▲SIM'. Insert the nano SIM card with the contacts facing up, notch in the correct direction, and push until it clicks into place.
RESET (pinhole)	Factory reset button. Use a paperclip or pin to press: hold for 5 to 10 seconds = complete reset. Identified by the 'RESET' label on the base.

3.4 Top (upper side)

The upper side of the router includes the NFC area. To connect to Wi-Fi via NFC, enable NFC on your Android smartphone and place it on top of the router. No password is required.

> **NOTE**
> NFC connection works only with Android smartphones equipped with NFC. It is not available on iOS.

3.5 Summary of LED indicators

LED	Meaning
POWER — Solid blue	Router powered on and operational.
POWER — Off	Router powered off.
Wi-Fi — Solid blue	Wi-Fi active (2.4 GHz and/or 5 GHz).
Wi-Fi — Off	Wi-Fi disabled via WPS button or Web UI.
5G — Solid blue	Connected to the 5G NR network (NSA or SA).
5G — Blinking	5G data transfer in progress.
5G — Off	No 5G connection detected.
4G/3G — Solid blue	Connected to the 4G LTE or 3G UMTS network.
4G/3G — Blinking	4G/3G data transfer in progress.
4G/3G — Off	No 4G/3G connection.
All LEDs off	Router powered off or SIM card not inserted before startup.

> **IMPORTANT**
> If both the 5G LED and the 4G/3G LED are off after startup, check the SIM insertion and the PIN code in Mobile Network > PIN Management.

4. Overview of the Web UI

The Web UI is the router's full configuration interface, accessible from any browser connected to the router's network (Wi-Fi or Ethernet).

Access address: http://192.168.0.1

Menu	Content
Home — Status	Overview: real-time Internet and Wi-Fi status.
SMS	Management of SIM card SMS (InBox, OutBox, DraftBox) and SMS settings.
Mobile Network	5G/4G configuration: APN, network mode, statistics, RF settings, SIM PIN, MTU.
Internet	Ethernet WAN configuration and LAN DHCP server.
Wi-Fi	SSID, password, MLO, guest network, WPS, NFC, MAC filtering.
Voice	VoNR/VoLTE/VoIP telephony, SIP server, advanced settings.
Security	Firewall, MAC/IP/domain filters, port forwarding, DMZ, network diagnostics.
Management	NTP time, device information, logs, admin password, updates, backups.

II. Getting Started — Initial Setup

1. Inserting the nano SIM card

> ⚠ **IMPORTANT**
> The SIM must be inserted BEFORE powering on the router.

1. Turn the router over to access the circular base.
2. Locate the SIM cover marked with the label '▲SIM'.
3. Slide the cover to open it.
4. Insert the nano SIM card with the contacts facing up, in the direction of the arrow.
5. Gently push until it locks into place.
6. Close the cover by sliding it back.

> ⚠ **IMPORTANT**
> Use only a nano SIM card without an adapter. Micro and standard formats with an adapter are not compatible with the nano slot.

2. Connecting the power and startup

7. Plug the DC 12V/2A power adapter into the POWER port (DC connector) located on the rear panel of the router.
8. Plug the other end of the adapter into a power outlet.
9. Press the POWER/WPS button (on the back) to turn on the router.
10. Wait about 60 seconds — the LEDs will gradually light up during startup.
11. Check that the POWER LED is solid blue: the router is operational.

> ⚠ **IMPORTANT**
> Never unplug the router during startup. Operating power consumption: 3W.

3. Connecting to the network and accessing the Web UI

3.1 Wi-Fi Connection

12. On your device, open the Wi-Fi settings.
13. Look for the network with the default SSID (in the format STRONG_5G_WiFi7_XXXX).
14. Enter the default Wi-Fi password printed on the label under the router.

> 💡 **TIP**
> The SSID and default password are on the label under the router. Change them after the first connection.

3.2 Wi-Fi Connection via NFC (Android)

Enable NFC on your Android smartphone, then place it on top of the router. The Wi-Fi connection is established automatically, without entering a password.

3.3 Wired Ethernet Connection

Connect an RJ-45 Ethernet cable between your computer and the router's LAN port (1 Gbps) or WAN/LAN port (2.5 Gbps).

3.4 Access to the Web UI

15. Open a browser and enter: http://192.168.0.1
16. Enter the administrator password (default = Wi-Fi password from the label).
17. Click on Login.

4. Entering the SIM PIN code

If your SIM card requires a PIN code: go to Mobile Network > PIN Management, select Enter PIN in PIN Operation, enter your code and click on Apply.

> ⚠ **IMPORTANT**
> Maximum of 3 attempts (Remaining Attempts field). After 3 incorrect attempts, the SIM is blocked and requires the PUK code from your operator.

5. APN Configuration

In Mobile Network > Profile Management, check or enter your operator's APN settings. Most of the time, they are configured automatically by the SIM.

6. Changing the administrator password

Recommended upon first connection: Management > System Admin. Enter the old password, then the new one (min. 8 characters, with uppercase, lowercase, numbers, and special characters). Click on Apply.

7. Factory reset

Via the Web UI: Management > Reboot & Reset > Reset.

Via the physical button: hold the RESET button (pinhole on the underside) pressed for 5 to 10 seconds with a pin, with the router powered on.

> ⚠ **IMPORTANT**
> Resetting will erase ALL your custom configurations. First, back up via Management > Backup & Restore.

III. Full description of the Web UI

Access: http://192.168.0.1 from any device connected to the router's Wi-Fi or Ethernet network.

1. Home — Status

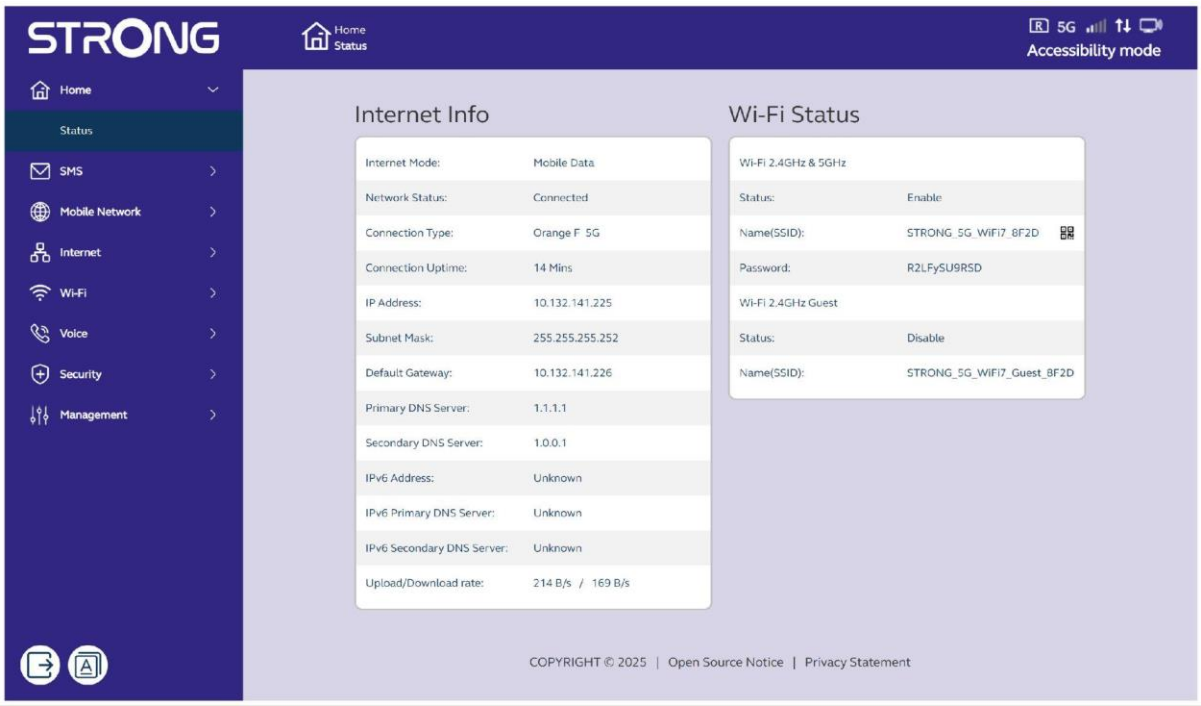

Fig. 5 — Home > Status: real-time dashboard

Field	Description
Internet Mode	Active connection mode: Mobile Data (SIM card) or Ethernet.
Network Status	Status: Connected or Disconnected.
Connection Type	Operator name and network generation (e.g.: Orange F 5G).
Connection Uptime	Duration for which the connection has been active.
IP Address	Public IP address assigned by the operator.
Subnet Mask	WAN subnet mask.
Default Gateway	Address of the default gateway.
Primary / Secondary DNS Server	Active IPv4 DNS servers.
IPv6 Address	IPv6 address (Unknown if not assigned by the operator).
Upload / Download rate	Real-time speed (upload / download).
Wi-Fi Status — SSID	Name of the main Wi-Fi network with quick connection QR code.
Wi-Fi Status — Password	Current password of the main Wi-Fi.
Wi-Fi 2.4GHz Guest	Status and SSID of the guest network.

TIP

The QR code next to the SSID allows your guests to connect by scanning it directly with their smartphone, without entering the password.

2. SMS

2.1 Shortmessage

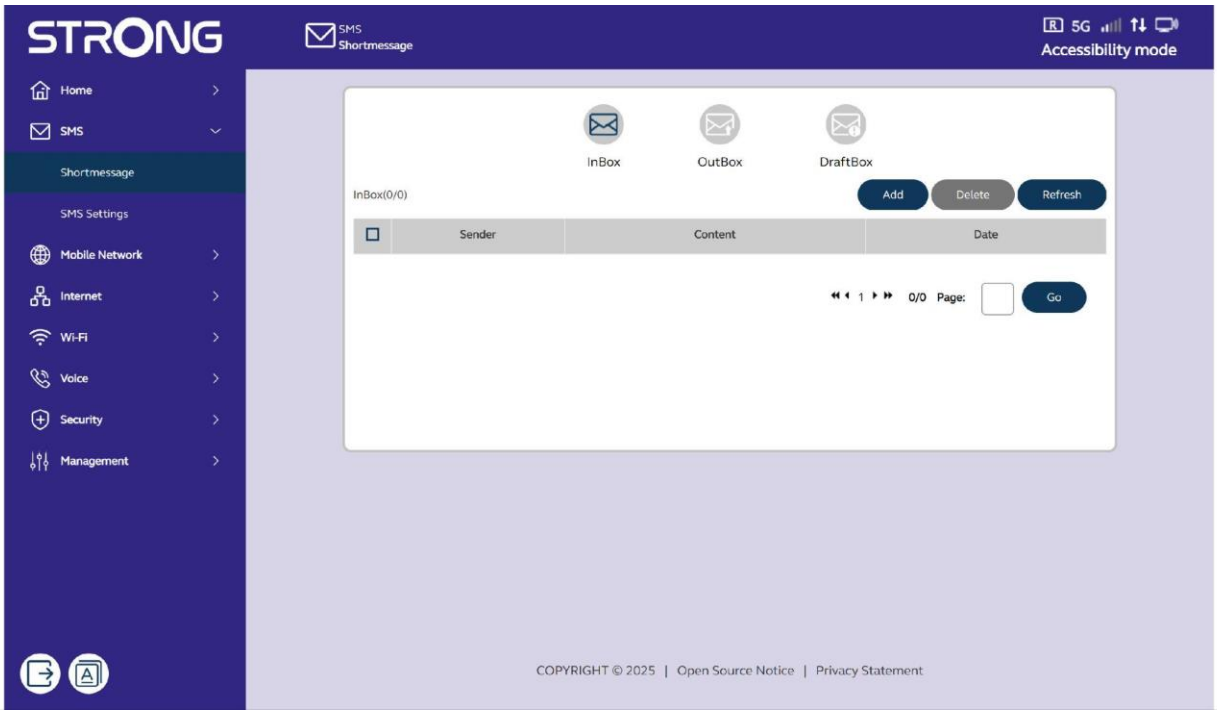

Fig. 6 — SMS > Shortmessage: SIM card messaging

Displays the SMS messages from the SIM card. Three tabs: InBox (received), OutBox (sent), DraftBox (drafts). Each message indicates the sender (Sender), the content (Content), and the date.

Button	Action
Add	Compose and send a new SMS from the router's SIM.
Delete	Delete the selected messages (check the box and then Delete).
Refresh	Refresh the list to display new messages.

2.2 SMS Settings

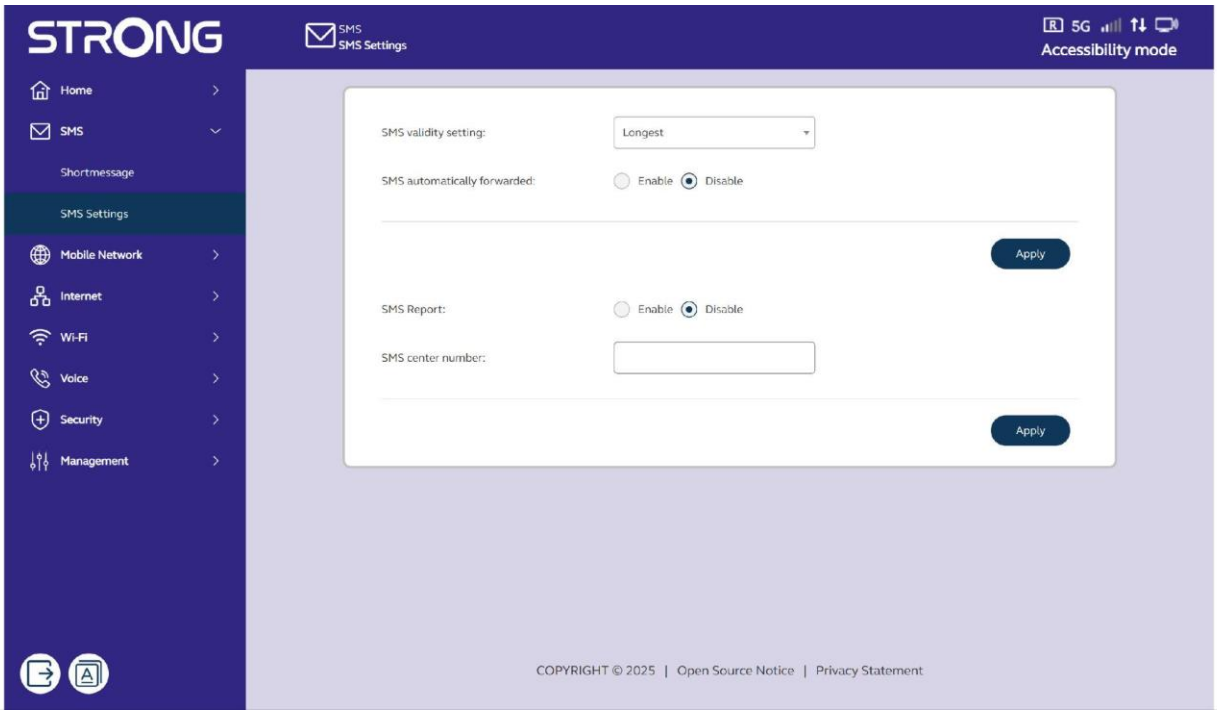

Fig. 7 — SMS > SMS Settings: messaging settings

Setting	Description
SMS validity setting	Validity period of outgoing SMS: Shortest (1h) to Longest (operator maximum). Default: Longest.
SMS automatically forwarded	Automatic forwarding of incoming SMS to another number. Default: Disable.
SMS Report	Requests a delivery receipt for each sent SMS. Default: Disable.
SMS center number	Operator's message center number. Usually filled in automatically by the SIM.

3. Mobile Network

3.1 Mobile Connection

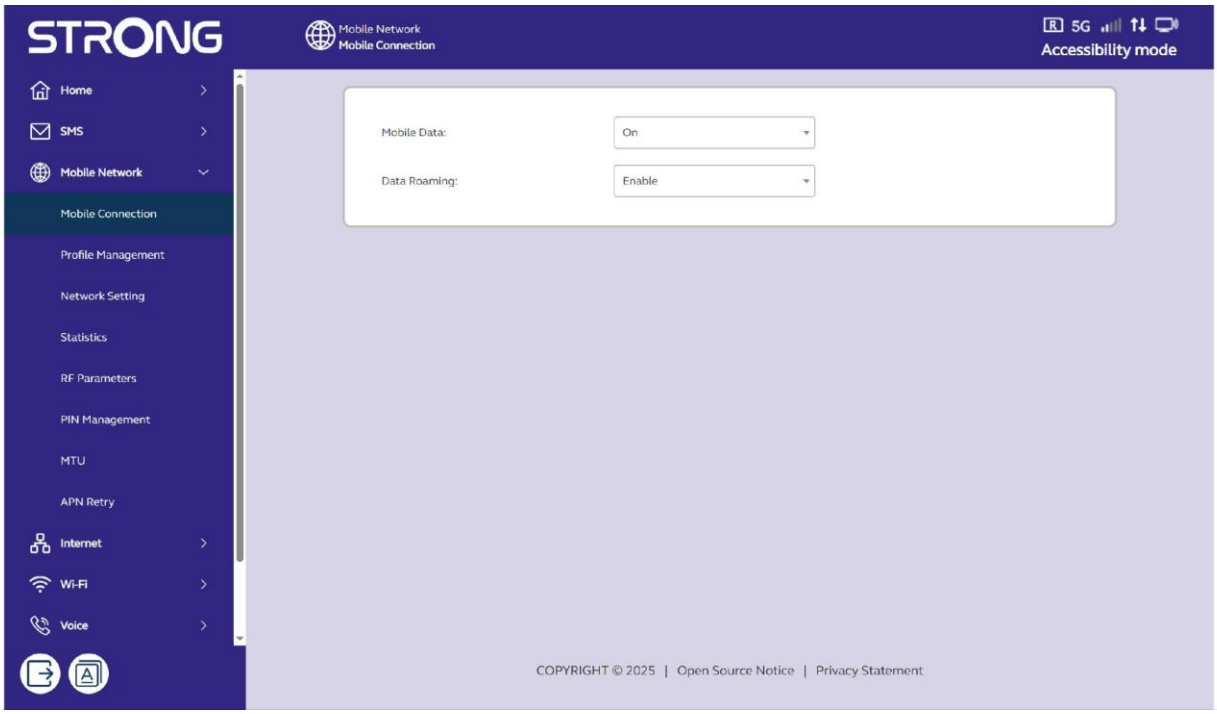

Fig. 8 — Mobile Network > Mobile Connection

Setting	Description
Mobile Data	Enables (On) or disables (Off) mobile data. Off disconnects Internet via the SIM (calls and SMS remain active if your plan includes them).
Data Roaming	Allows (Enable) or prohibits (Disable) roaming abroad. Disable to avoid unexpected charges.

3.2 Profile Management — APN Configuration

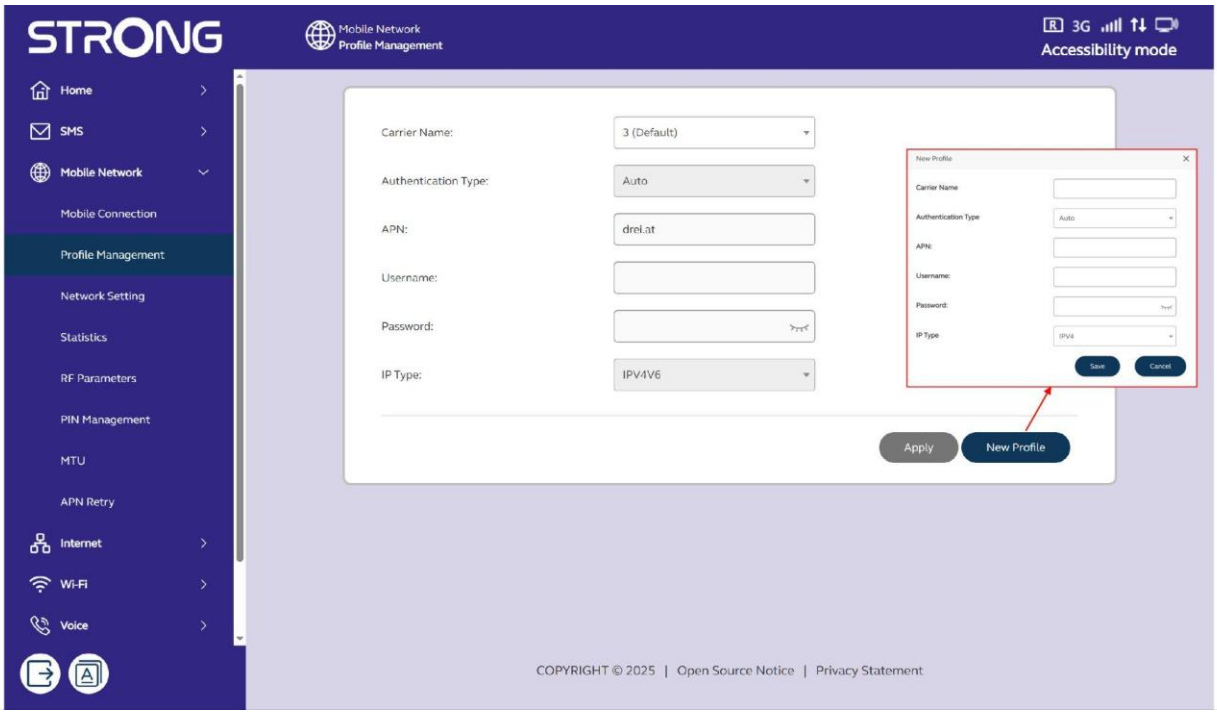

Fig. 9 — Mobile Network > Profile Management with New Profile window

Field	Description
Carrier Name	Operator name to identify this profile.
Authentication Type	Authentication method: Auto (recommended), PAP, CHAP, PAP+CHAP.
APN	Name of your operator's access point (e.g.: internet, orange.fr, free…).
Username	APN identifier if required by the operator (leave blank otherwise).
Password	APN password if required (leave blank otherwise).
IP Type	IPv4, IPv6 or IPv4V6 (dual stack — recommended).
Apply	Saves and applies the active profile.
New Profile	Creates an additional APN profile. A window opens with the same fields. Click Save to confirm.

TIP
The SIM generally configures the APN automatically. Only modify this setting if the connection cannot be established.

3.3 Network Setting — Network Mode

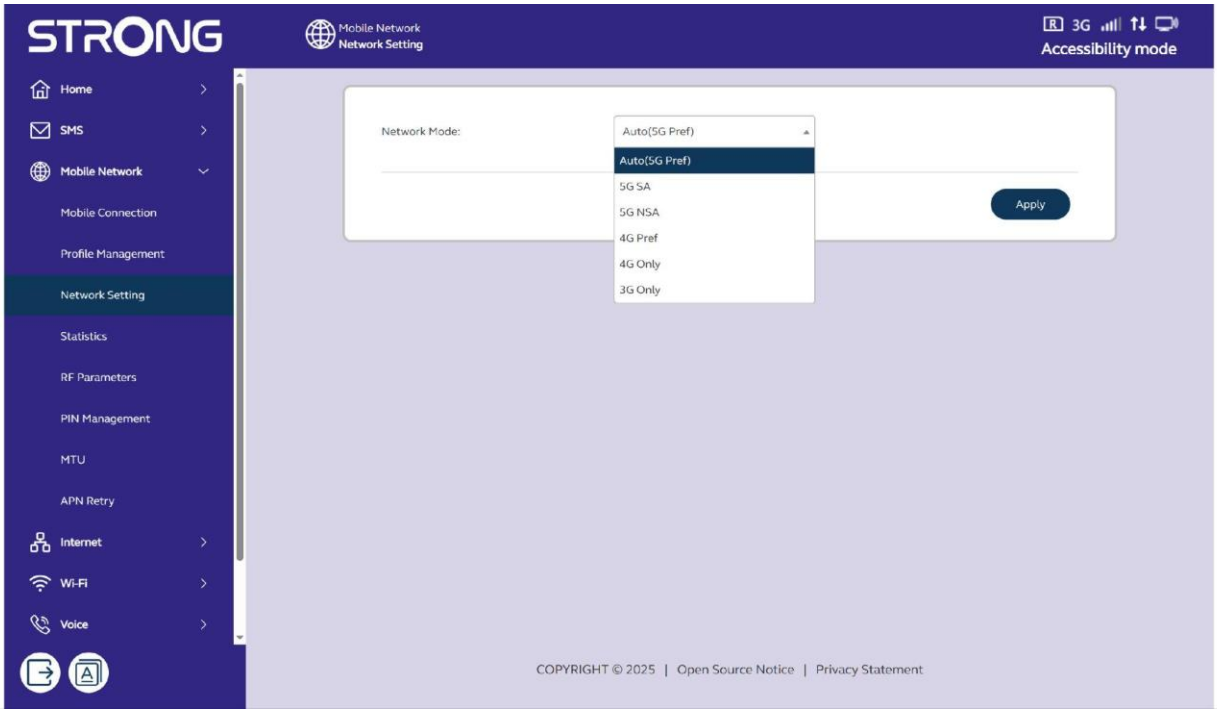

Fig. 10 — Mobile Network > Network Setting: selection of network mode

Mode	Description
Auto (5G Pref)	Recommended mode: automatic connection to the best available network, 5G priority.
5G SA	Forces 5G Standalone exclusively (native 5G network without LTE).

Mode	Description
5G NSA	Forces 5G Non-Standalone (5G relying on the existing LTE infrastructure).
4G Pref	Automatic connection with priority to the 4G LTE network.
4G Only	Forces connection in 4G LTE exclusively.
3G Only	Forces connection in 3G UMTS exclusively.

3.4 Statistics — Data Usage

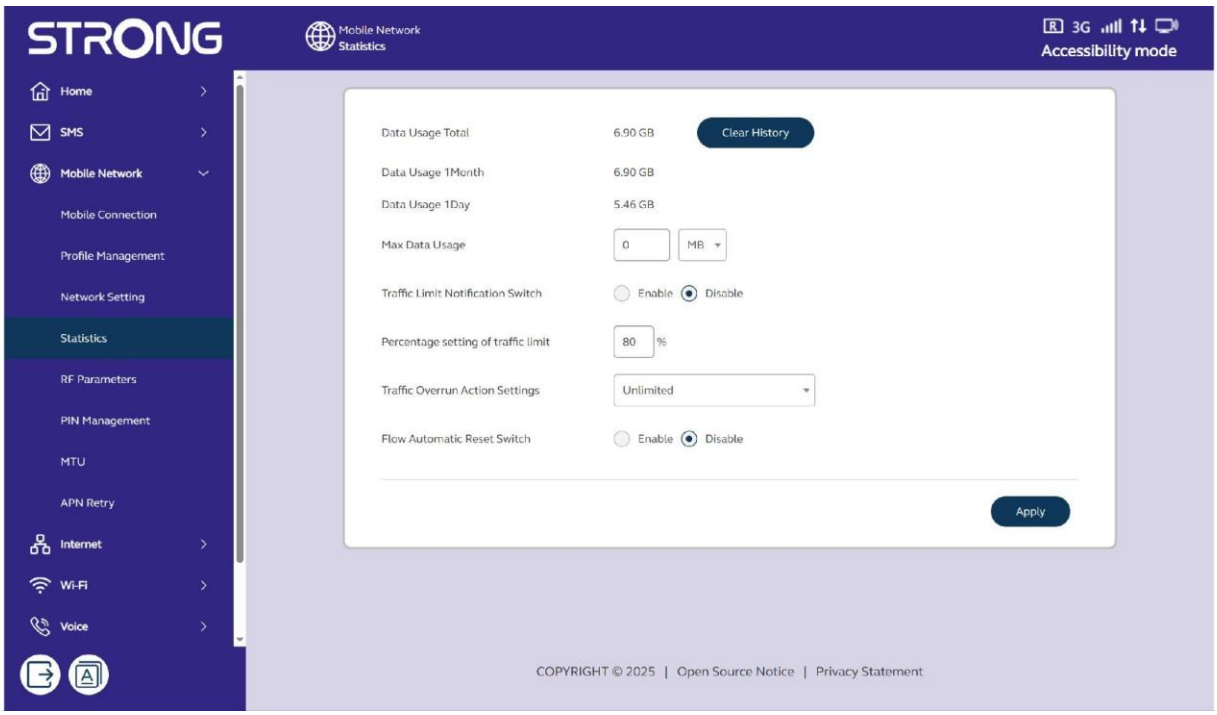

Fig. 11 — Mobile Network > Statistics: monitoring and consumption limits

Setting	Description
Data Usage Total	Total volume consumed since the last reset. Clear History button to reset.
Data Usage 1 Month	Volume consumed during the current month.
Data Usage 1 Day	Volume consumed today.
Max Data Usage	Configurable limit (MB or GB). Enter 0 for unlimited.
Traffic Limit Notification Switch	Notification when the threshold defined below is reached.
Percentage setting of traffic limit	Alert threshold as a % of the limit (default: 80%).
Traffic Overrun Action Settings	Action upon exceeding: Unlimited (continue) or Disconnect (cut off).
Flow Automatic Reset Switch	Automatic reset of counters each month.

3.5 RF Parameters — Signal Quality

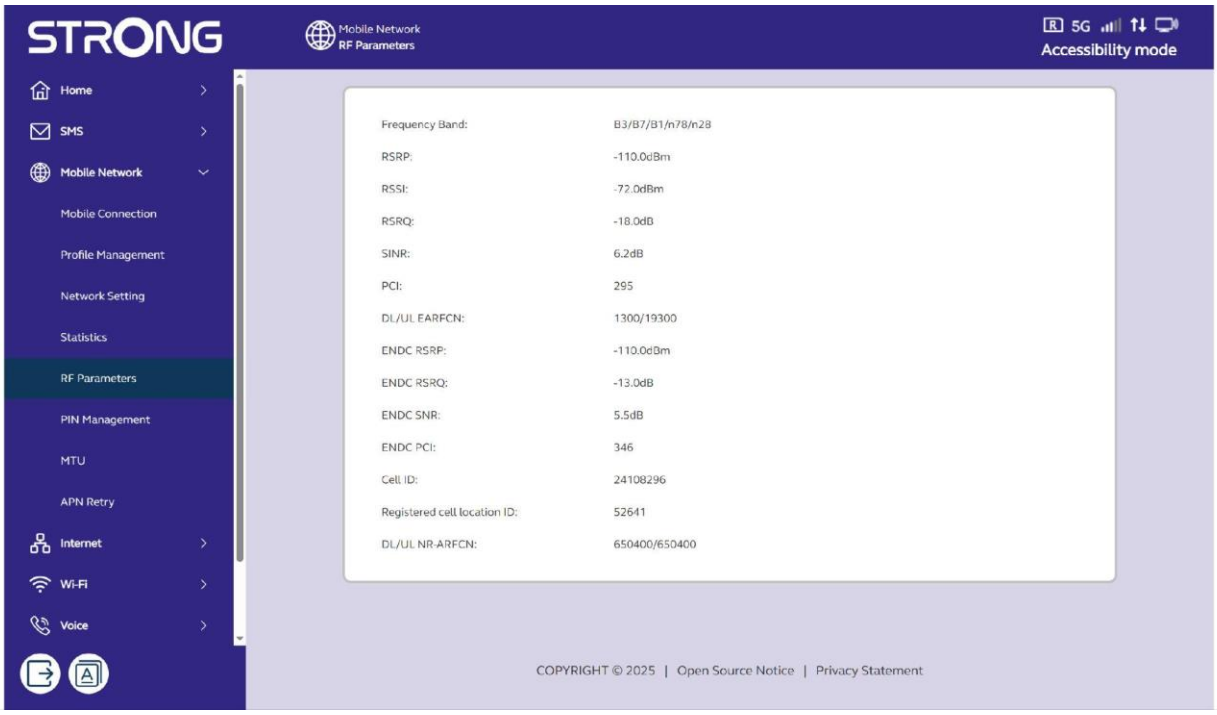

Fig. 12 — Mobile Network > RF Parameters: radio indicators in read-only mode

Indicator	Meaning
Frequency Band	Active bands (e.g.: B3/B7/B1/n78/n28).
RSRP (dBm)	Signal strength: > -80 dBm = excellent | -80 to -100 = good | < -110 = weak.
RSSI (dBm)	Total received power.
RSRQ (dB)	Reference signal quality.
SINR (dB)	Signal-to-noise+interference ratio. > 20 dB = excellent.
PCI	Physical Cell ID: identifier of the connected cell.
Cell ID	Unique identifier of the operator's antenna.
DL/UL EARFCN	LTE downlink/uplink radio channel.
ENDC RSRP/RSRQ/SNR/PCI	5G NSA radio parameters (E-UTRA NR Dual Connectivity).
DL/UL NR-ARFCN	5G NR downlink/uplink radio channel.

3.6 PIN Management

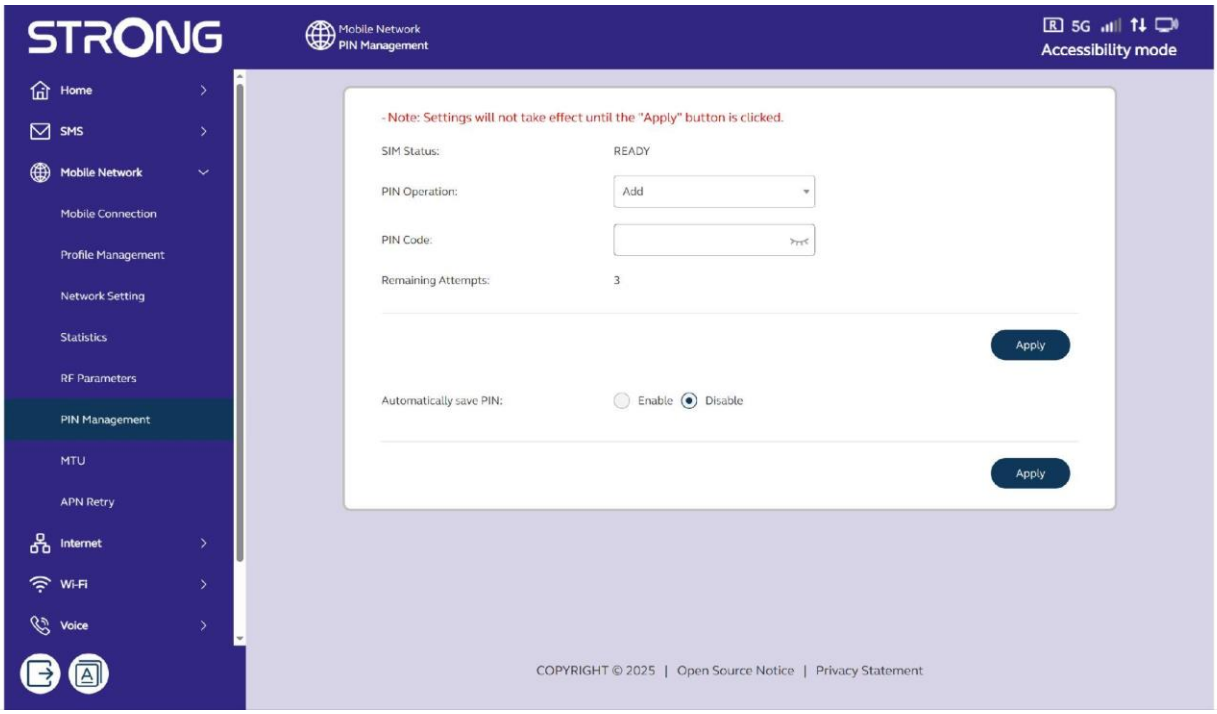

Fig. 13 — Mobile Network > PIN Management: SIM PIN code management

Setting	Description
SIM Status	READY, PIN REQUIRED, PUK REQUIRED (SIM blocked).
PIN Operation	Add, Remove, Change, Enter PIN, Unblock (with PUK).
PIN Code	Secure input field.
Remaining Attempts	Remaining attempts before blocking (3 by default). ⚠ Do not enter an incorrect PIN.
Automatically save PIN	Saves the PIN to enter it automatically at each startup.

3.7 MTU

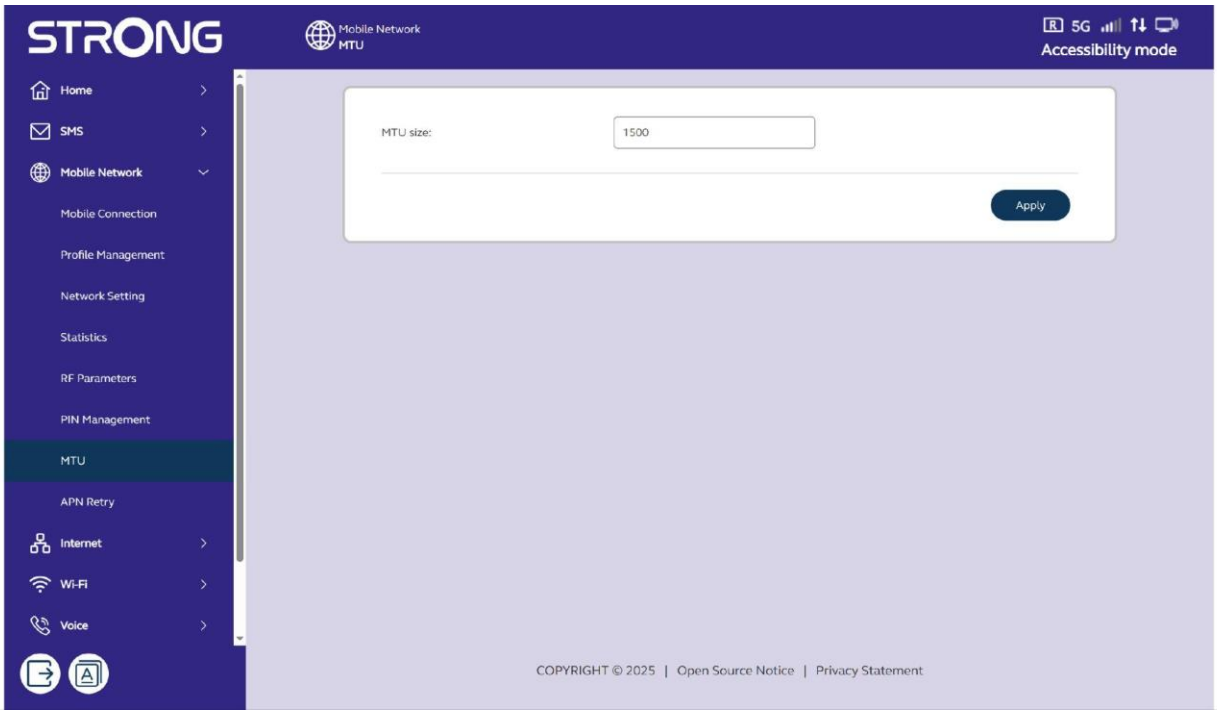

Fig. 14 — Mobile Network > MTU: maximum packet size

Defines the maximum size of packets transmitted over the mobile connection (Maximum Transmission Unit). Default value: 1500 bytes. Only modify this parameter upon explicit instruction from your operator.

3.8 APN Retry

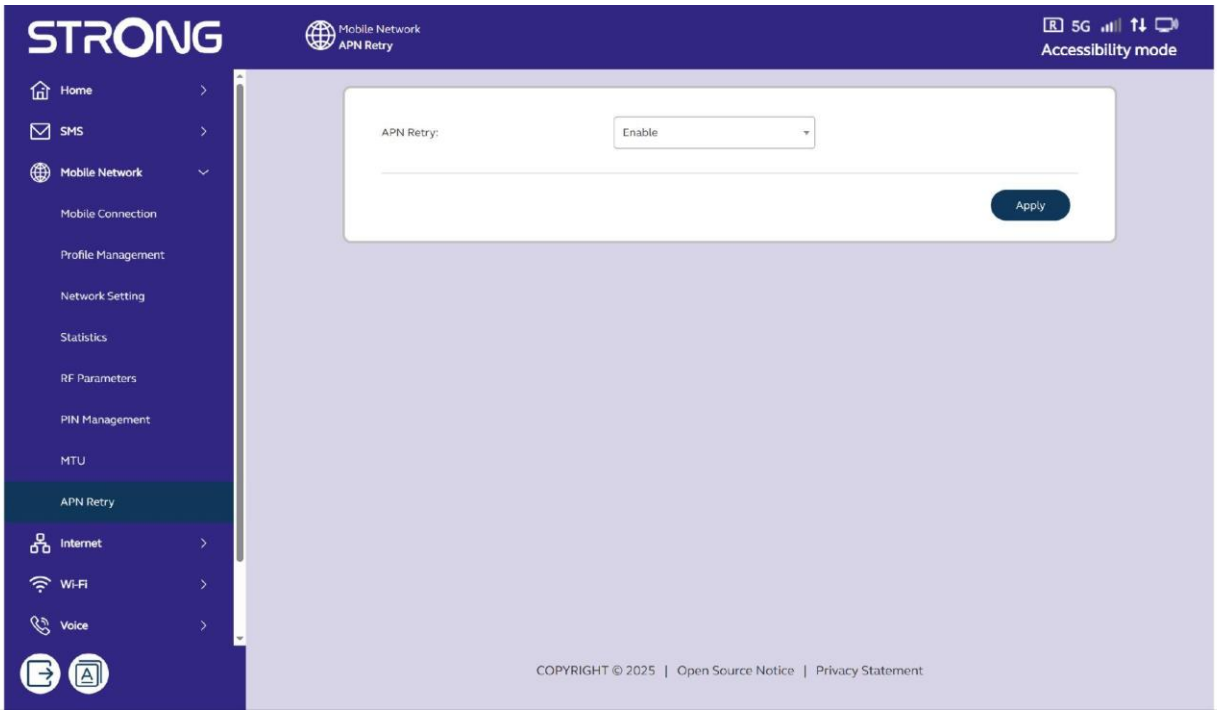

Fig. 15 — Mobile Network > APN Retry

Enables (Enable) or disables (Disable) the automatic reconnection attempt in case of APN connection failure. Leave enabled for automatic reconnection in case of disconnection.

4. Internet

4.1 Ethernet — WAN connection mode

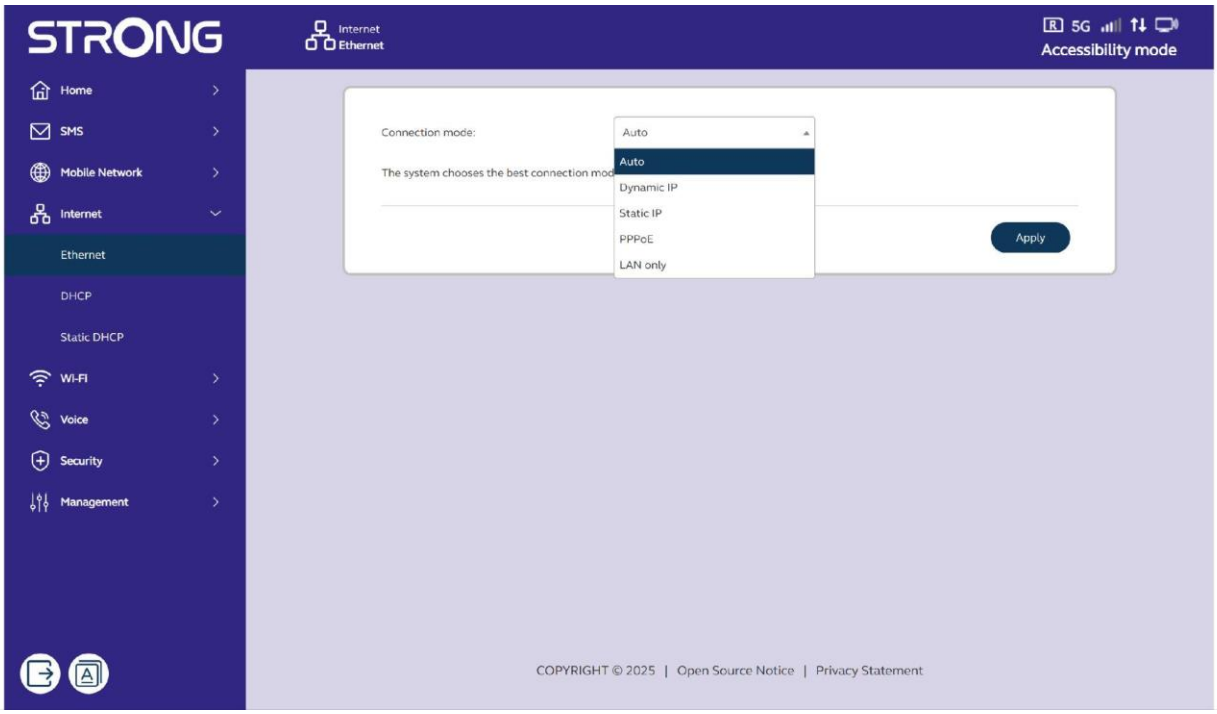

Fig. 16 — Internet > Ethernet: configuration of the 2.5GbE WAN port

Configures the WAN/LAN 2.5GbE port when the router is connected to an Internet box via Ethernet cable (instead of using the SIM card as the main Internet source). This port has automatic 5G failover in case of wired connection failure.

Mode	Description
Auto	Automatic detection of the best mode (recommended).
Dynamic IP	IP address automatically obtained from the upstream box.
Static IP	Fixed IP address configured manually.
PPPoE	PPPoE connection with ISP username/password.
LAN only	The WAN/LAN port is used as an additional LAN port — Internet connection via SIM only.

4.2 DHCP — LAN DHCP Server

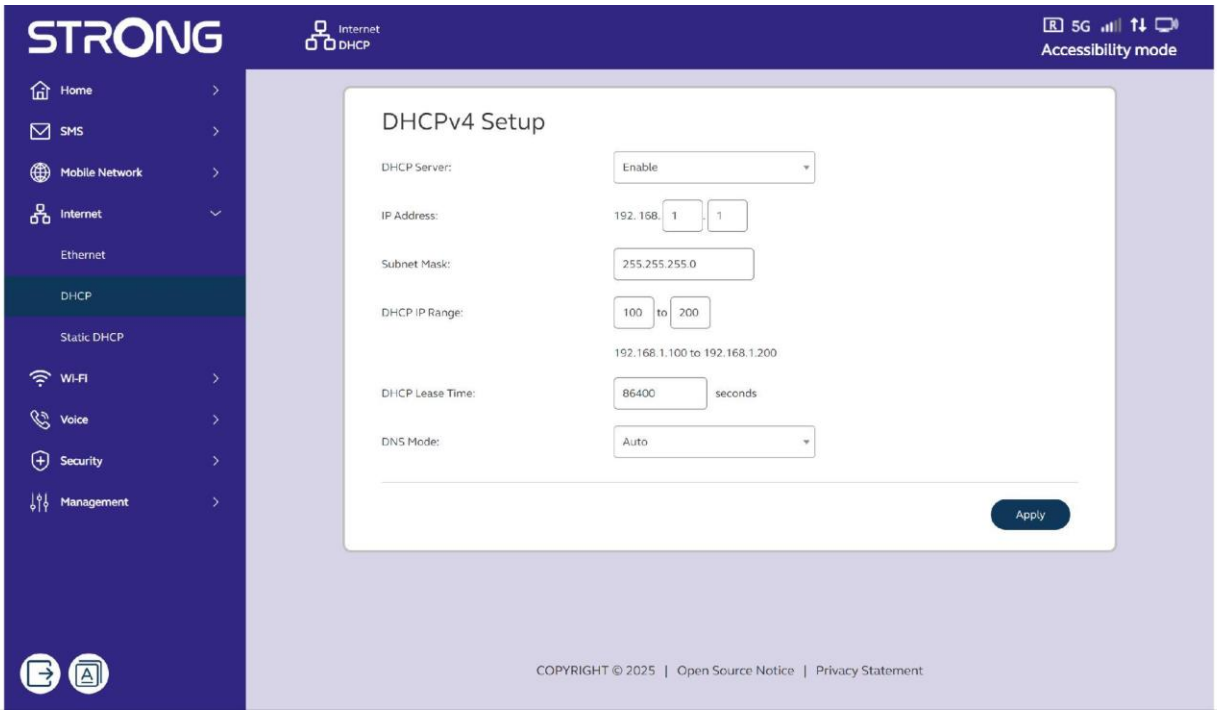

Fig. 17 — Internet > DHCP: DHCPv4 configuration

Setting	Description
DHCP Server	Enables (Enable) or disables (Disable) the LAN DHCP server.
IP Address	Router IP address on the LAN (default: 192.168.1.1).
Subnet Mask	LAN subnet mask (default: 255.255.255.0).
DHCP IP Range	Range of addresses assigned to devices (default: .100 to .200).
DHCP Lease Time	Validity period of an assigned IP in seconds (default: 86400 = 24h).
DNS Mode	Auto = Operator's DNS. Manual = enter custom DNS.

4.3 Static DHCP — Fixed IP Addresses

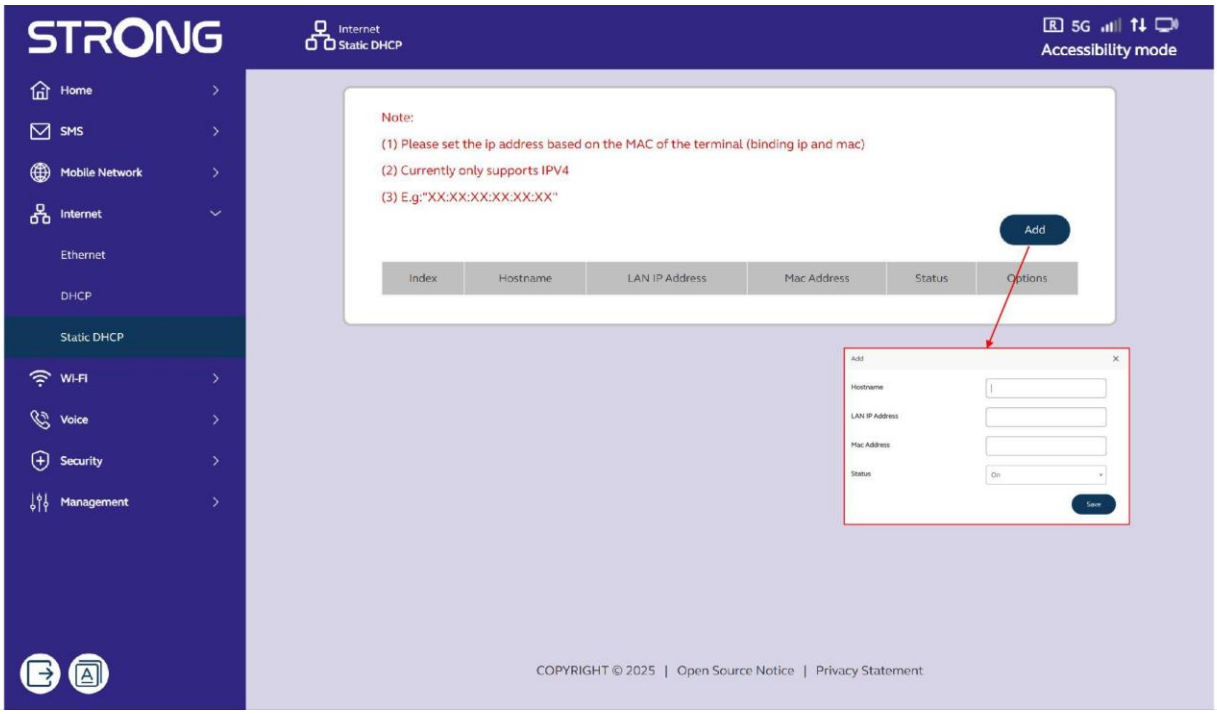

Fig. 18 — Internet > Static DHCP with add window

Associates a permanent IP address to a device via its MAC address. The device will always receive the same IP. IPv4 only. MAC format: XX:XX:XX:XX:XX:XX.

Field	Description
Hostname	Device name to identify it in the list.
LAN IP Address	Desired fixed IP address (within the local network range).
Mac Address	MAC address of the device (XX:XX:XX:XX:XX:XX).
Status	On = active rule | Off = rule deactivated without being deleted.

5. Wi-Fi

5.1 Wi-Fi Basic Settings — Main Settings

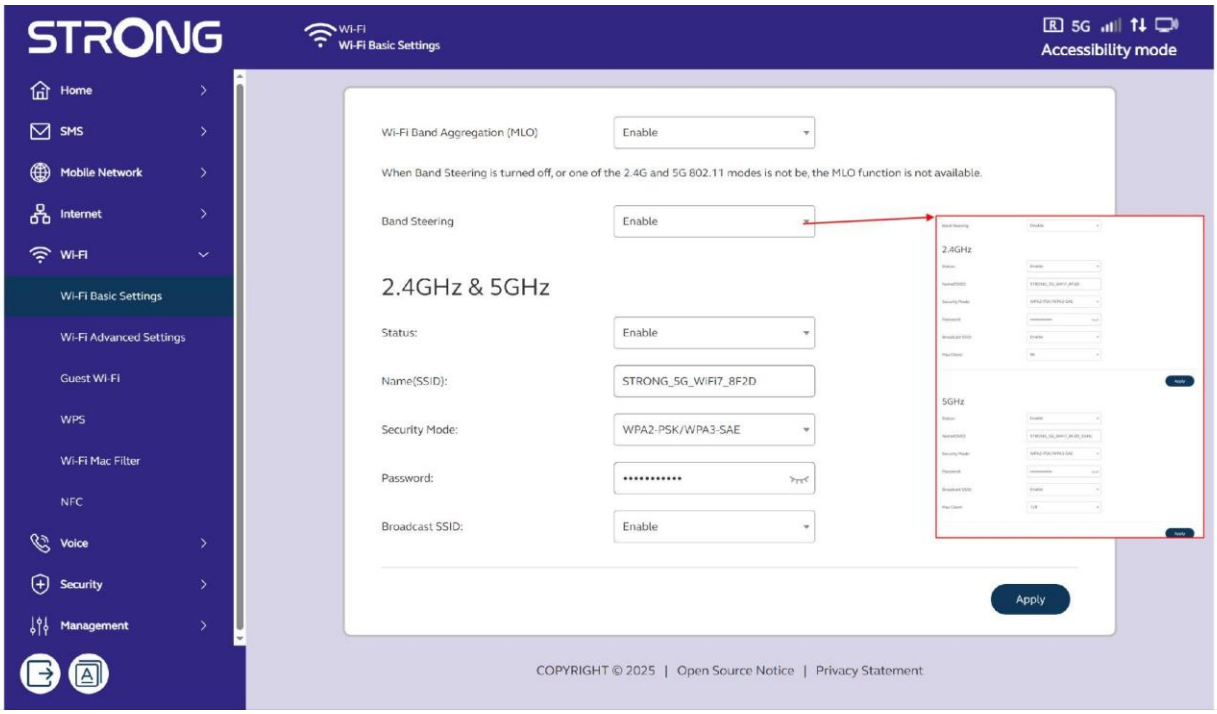

Fig. 19 — Wi-Fi > Wi-Fi Basic Settings with overview of both bands

Setting	Description
Wi-Fi Band Aggregation (MLO)	Enables Multi-Link Operation Wi-Fi 7: simultaneous aggregation of the 2.4 GHz + 5 GHz bands. Requires both bands in 802.11be mode. Automatically disabled if Band Steering is Off or if a band is not in 'be' mode.
Band Steering	Automatically directs devices to the most efficient band (5 GHz by priority). Must be active to use MLO.
Status	Enables (Enable) or disables (Disable) the relevant band (2.4 GHz or 5 GHz).
Name (SSID)	Name of the broadcast Wi-Fi network. A single SSID covers both bands (recommended with Band Steering enabled).
Security Mode	WPA2-PSK/WPA3-SAE (recommended) | WPA2-PSK | WPA3-SAE | None (open).
Password	Wi-Fi password (minimum 8 characters).
Broadcast SSID	Enable = visible network | Disable = hidden network (devices will need to enter it manually).
Max Clients	Maximum number of simultaneous devices on this band.

5.2 Wi-Fi Advanced Settings — Advanced Settings

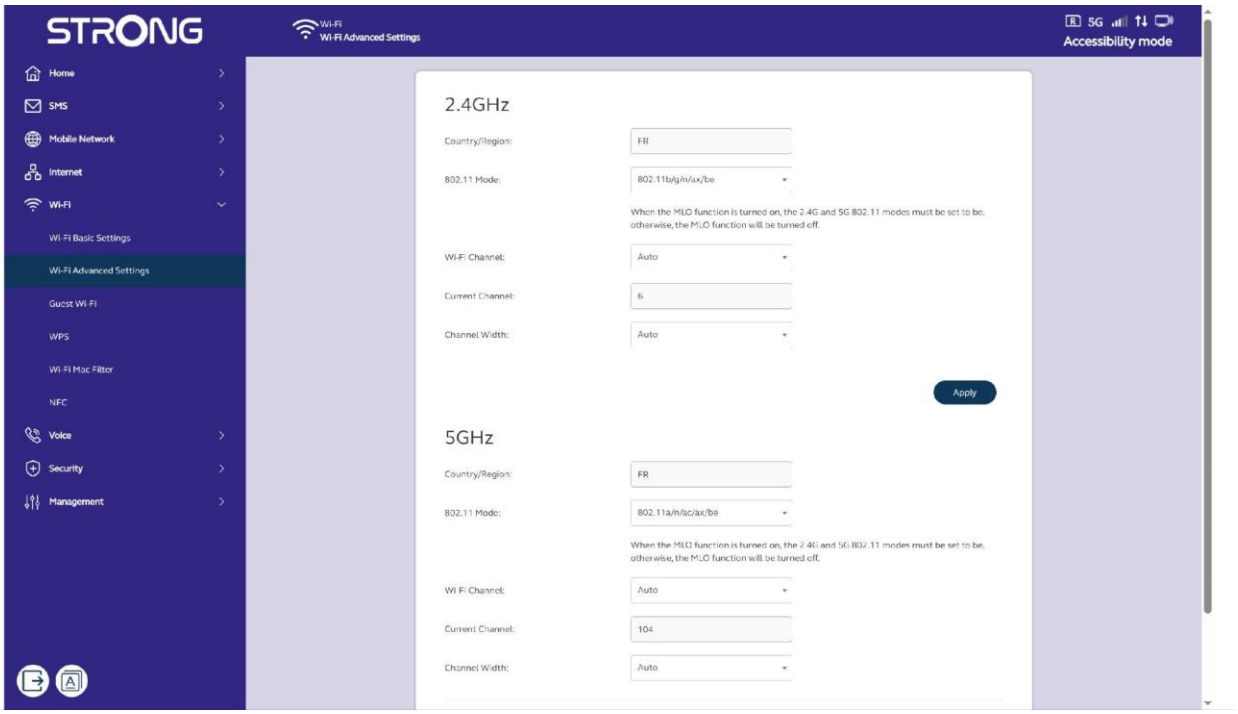

Fig. 20 — Wi-Fi > Wi-Fi Advanced Settings: channel, 802.11 mode, width

Setting	Description
Country/Region	Region determining the channels authorized by regulations (default: FR).
802.11 Mode 2.4 GHz	Supported protocols. For Wi-Fi 7 and MLO: select 802.11b/g/n/ax/be.
802.11 Mode 5 GHz	Supported protocols. For Wi-Fi 7 and MLO: select 802.11a/n/ac/ax/be.
Wi-Fi Channel	Auto (recommended) = automatic selection of the least congested channel.
Current Channel	Channel currently in use (read-only).
Channel Width 2.4 GHz	20 MHz, 40 MHz or Auto.
Channel Width 5 GHz	20 MHz, 40 MHz, 80 MHz, 160 MHz or Auto. 160 MHz = maximum Wi-Fi 7 performance.

⚠ **IMPORTANT**
To enable MLO: both bands must absolutely be in 802.11be mode. If one of them is not, MLO is automatically disabled.

5.3 Guest Wi-Fi — Guest Network

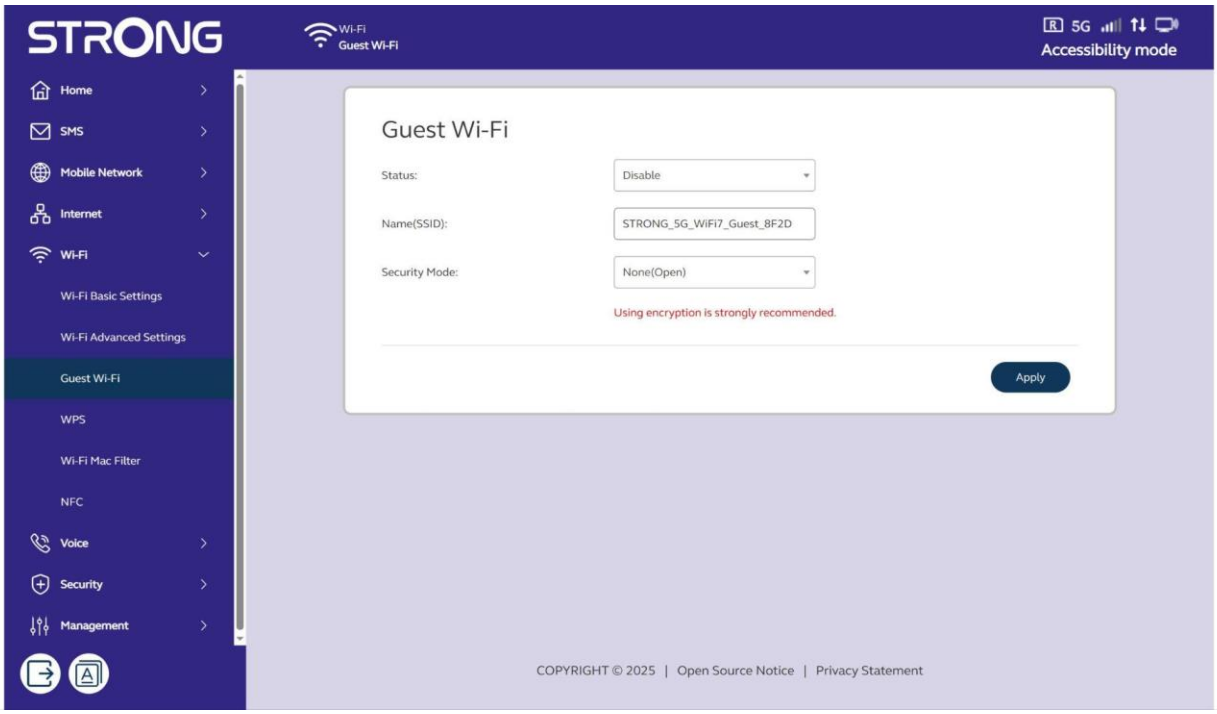

Fig. 21 — Wi-Fi > Guest Wi-Fi: isolated network for your guests

The guest network provides Internet access to your visitors without access to your main local network or your personal devices. The router supports only one main Wi-Fi network name (for both bands), and a separate guest network on 2.4 GHz.

Setting	Description
Status	Enables or disables the guest network.
Name (SSID)	Guest network SSID (default: STRONG_5G_WiFi7_Guest_XXXX).
Security Mode	Encryption for the guest network. The on-screen message reminds that the use of encryption is strongly recommended.

5.4 WPS — Simplified Connection

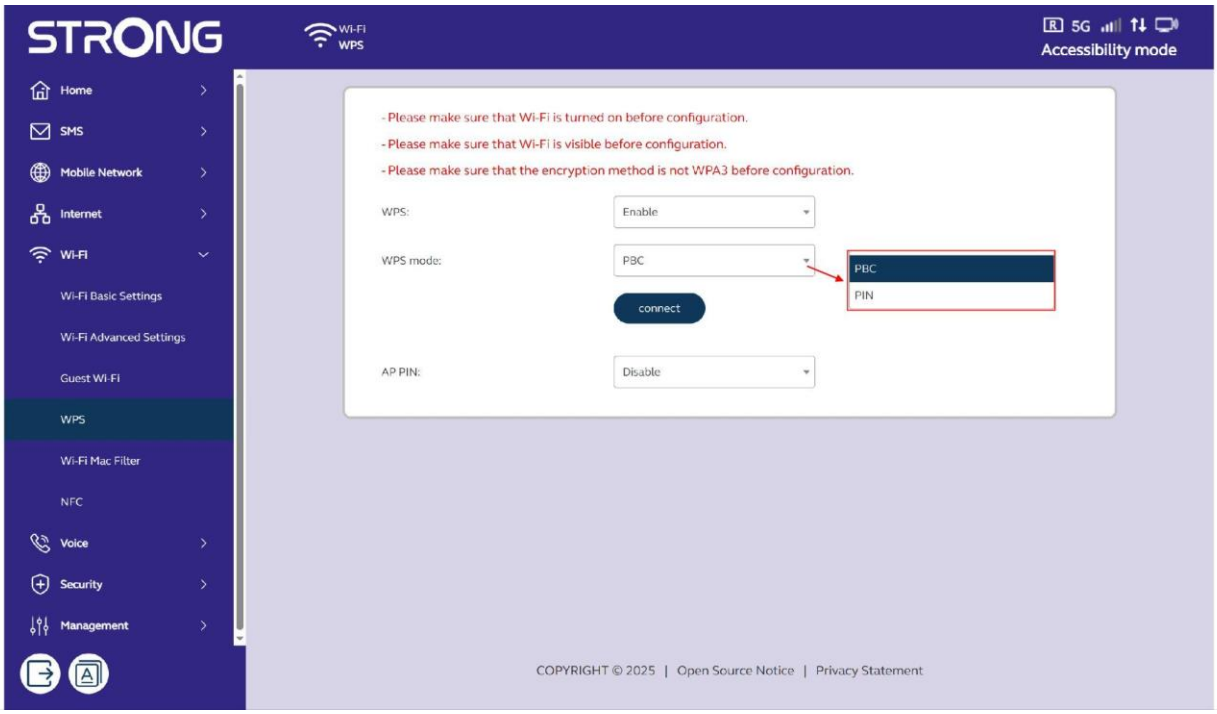

Fig. 22 — Wi-Fi > WPS: Wi-Fi Protected Setup configuration

Option	Description
WPS	Enables or disables the WPS function.
PBC Mode	Push Button Configuration: press the WPS button on the router (front panel) and on the device to be connected within 2 minutes.
PIN Mode	Connection via 8-digit PIN code.
connect	Starts a WPS PBC session immediately from the Web UI.
AP PIN	Enables the use of a router-specific PIN for PIN mode.

> ⚠ **IMPORTANT**
> WPS is incompatible with WPA3-SAE. Ensure that Wi-Fi is enabled, the SSID is visible, and the security mode is different from WPA3 before using WPS.

5.5 Wi-Fi Mac Filter

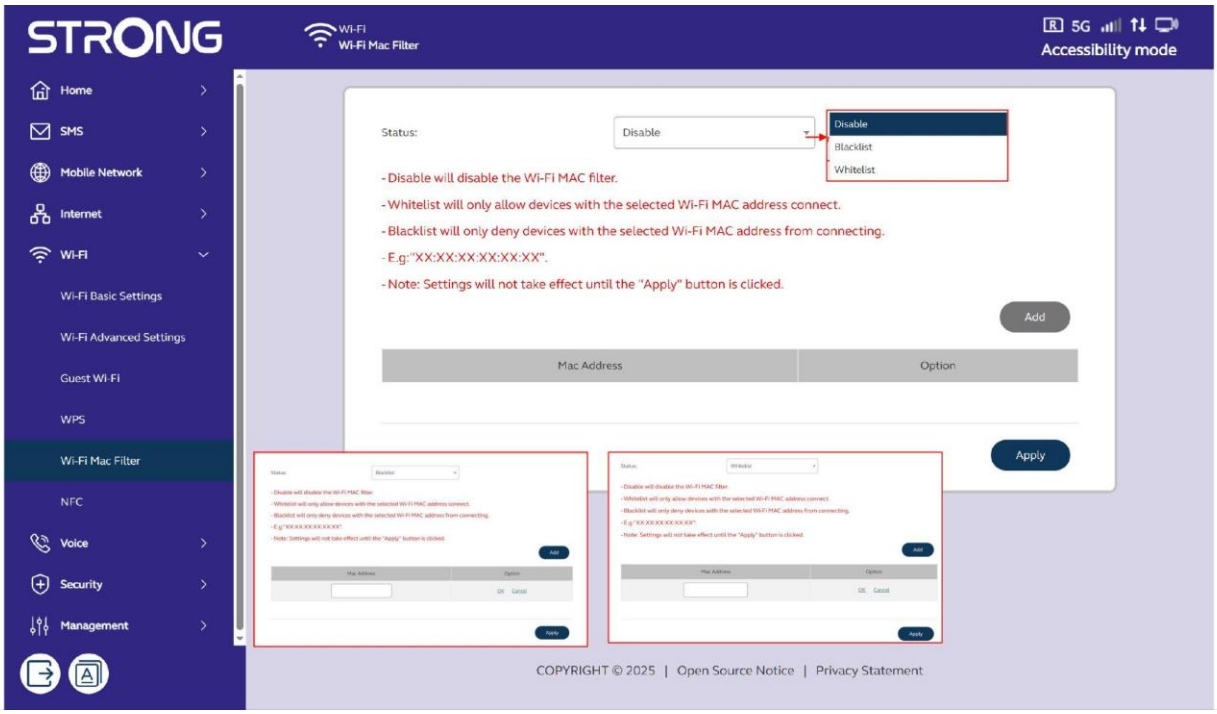

Fig. 23 — Wi-Fi > Wi-Fi Mac Filter: access control by MAC address

Mode	Description
Disable	No filtering — any device that knows the password can connect.
Blacklist	Blocks devices whose MAC address is in the list.
Whitelist	Allows only devices whose MAC address is in the list.

5.6 NFC — Wi-Fi Connection by Contact

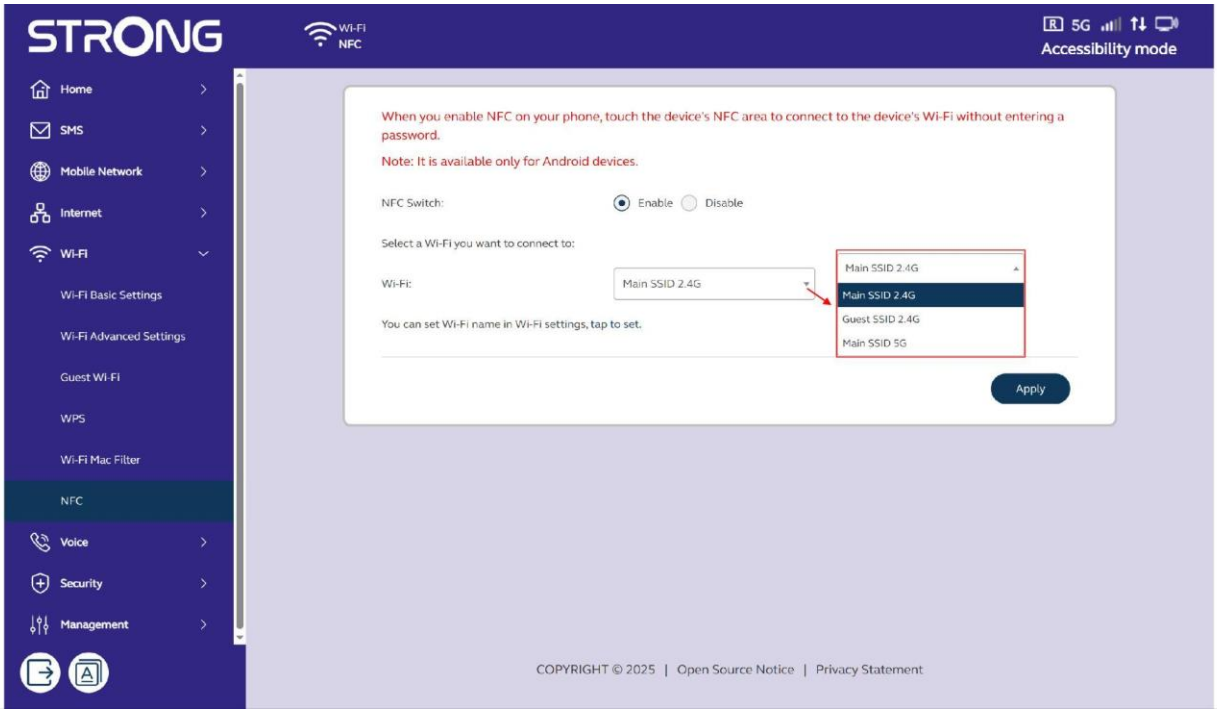

Fig. 24 — Wi-Fi > NFC: One Touch Connect for Android

Setting	Description
NFC Switch	Enables or disables the NFC function.
Wi-Fi	Target network: Main SSID 2.4G, Guest SSID 2.4G, or Main SSID 5G.

> **NOTE**
> Operation: enable NFC on your Android smartphone, then place it on top of the router. Automatic Wi-Fi connection without a password. Android only.

6. Voice — Telephony (TEL/RJ-11 port)

The TEL (RJ-11) port of the router allows you to connect a standard landline phone or a DECT base. It supports telephony via the operator's network (VoNR/VoLTE) or via a SIP VoIP server.

6.1 Phone Settings

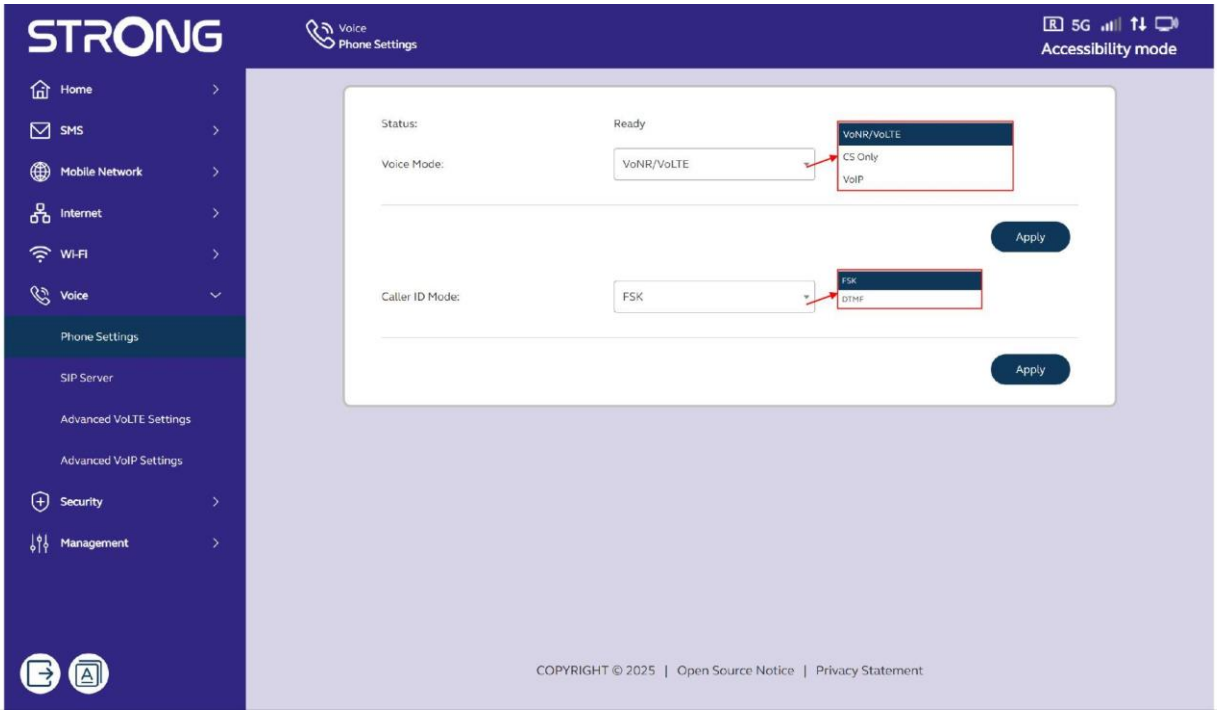

Fig. 25 — Voice > Phone Settings: voice mode and caller identification

Setting	Description
Voice Mode — VoNR/VoLTE	Calls via 5G NR network (VoNR) or 4G LTE (VoLTE). Recommended mode if your plan includes VoLTE/VoNR.
Voice Mode — CS Only	Classic Circuit Switching. May not be available on 5G SA.
Voice Mode — VoIP	Calls via SIP VoIP server (configure in Voice > SIP Server).
Caller ID — FSK	Caller identification in FSK format (standard in Europe).
Caller ID — DTMF	Caller identification in DTMF format.

6.2 SIP Server

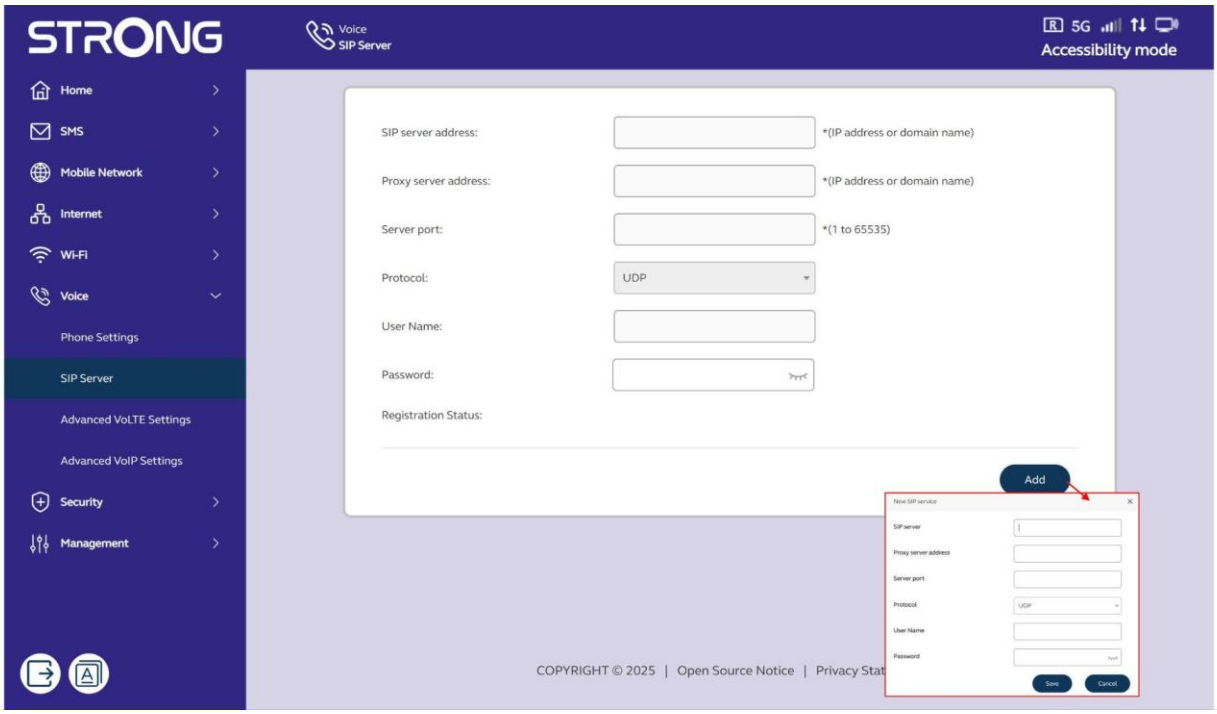

Fig. 26 — Voice > SIP Server with New SIP service window

Field	Description
SIP server address	IP address or domain name of the SIP VoIP server.
Proxy server address	Address of the SIP proxy server (if required).
Server port	SIP port (standard value: 5060).
Protocol	UDP (default) or TCP.
User Name	SIP account identifier (number or username).
Password	SIP account password.
Registration Status	Indicates whether SIP registration is successful.
Add	Adds an additional SIP server.

6.3 Advanced VoLTE Settings

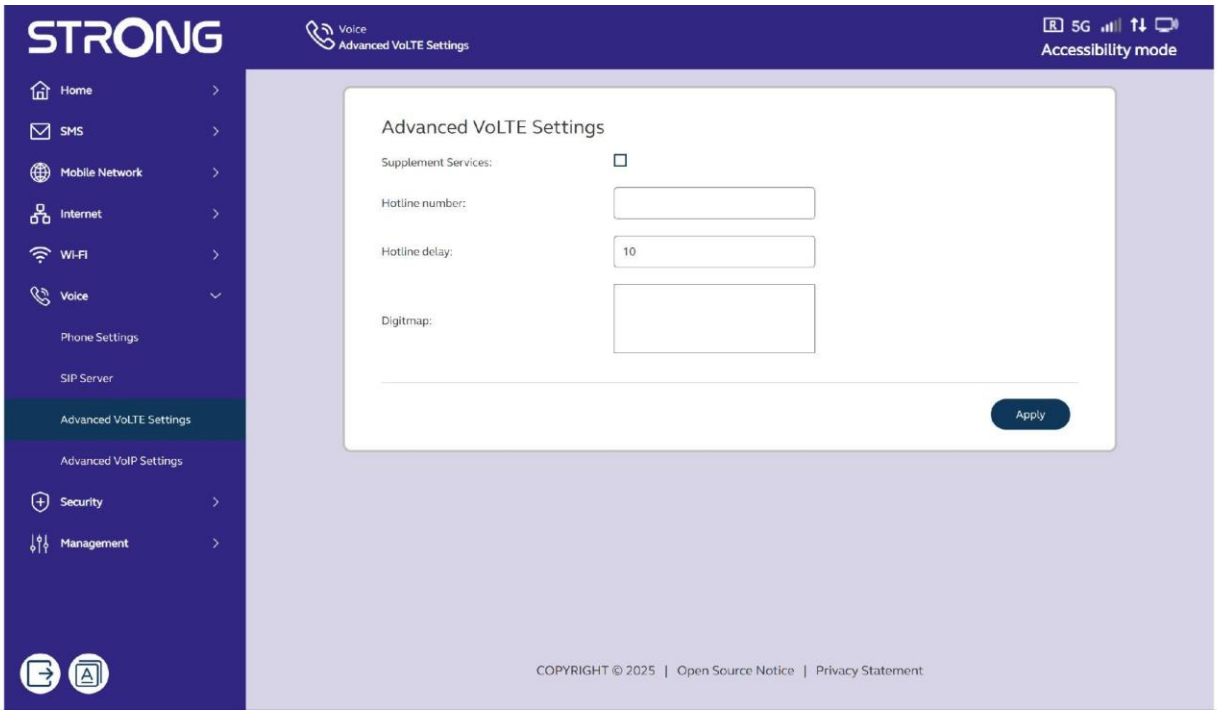

Fig. 27 — Voice > Advanced VoLTE Settings

Setting	Description
Supplementary Services	Enables supplementary VoLTE services.
Hotline number	Number dialed automatically upon picking up.
Hotline delay	Delay before automatic dialing (default: 10 s).
Digitmap	Dial plan provided by the operator.

6.4 Advanced VoIP Settings

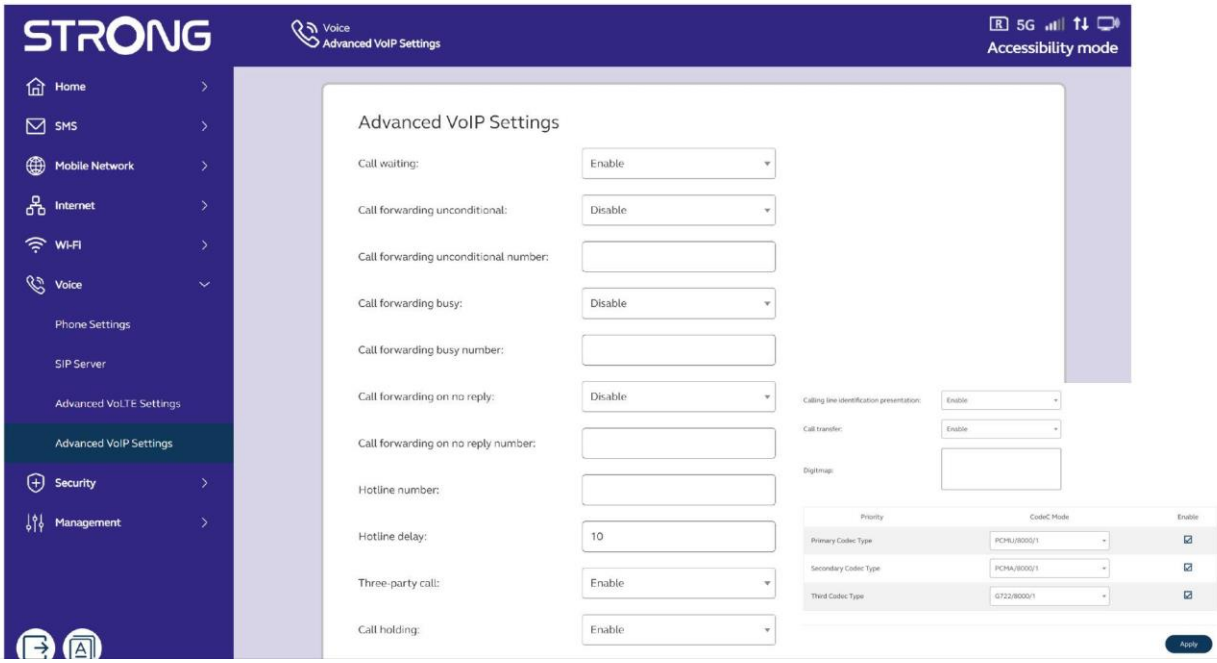

Fig. 28 — Voice > Advanced VoIP Settings: advanced functions and audio codecs

Setting	Description
Call waiting	Call hold.
Call forwarding unconditional	Unconditional forwarding of all calls.
Call forwarding busy	Forwarding if the line is busy.
Call forwarding on no reply	Forwarding if there is no answer.
Three-party call	Three-way conference.
Call holding	Manual call hold.
Call transfer	Call transfer.
Calling line identification presentation	Display of the calling number.
Codecs (Primary / Secondary / Third)	Priority of audio codecs: PCMU/8000, PCMA/8000, G722/8000.

7. Security — Security

7.1 Firewall — Main firewall

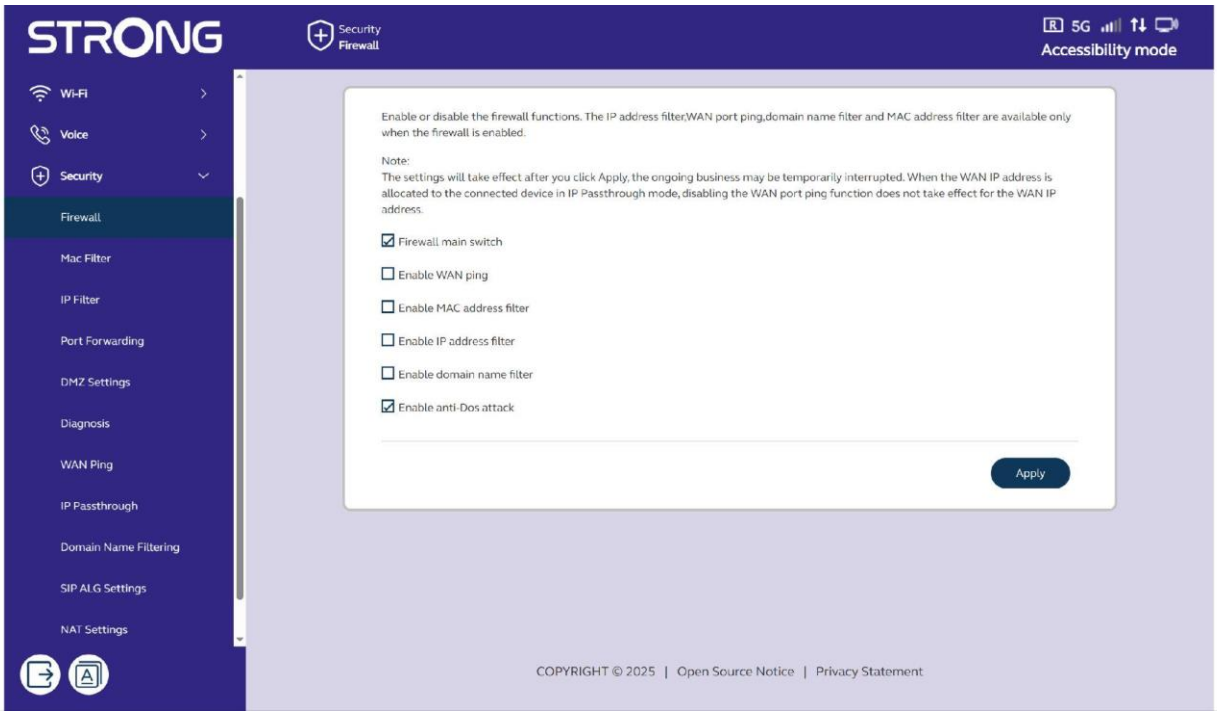

Fig. 29 — Security > Firewall: network protection switches

Option	Description
Firewall main switch	Main switch. Must be enabled for the filters below to function.
Enable WAN ping	Allows ping from the Internet. Disabled by default.
Enable MAC address filter	Enables LAN MAC filtering (see Security > Mac Filter).

Option	Description
Enable IP address filter	Enables IP filtering (see Security > IP Filter).
Enable domain name filter	Enables domain filtering (see Security > Domain Name Filtering).
Enable anti-DoS attack	Protection against DoS attacks. Enabled by default — should be kept enabled.

> ⚠ **IMPORTANT**
> The filters (MAC, IP, domain) only work if the main firewall is enabled.

7.2 Mac Filter — LAN MAC Filter

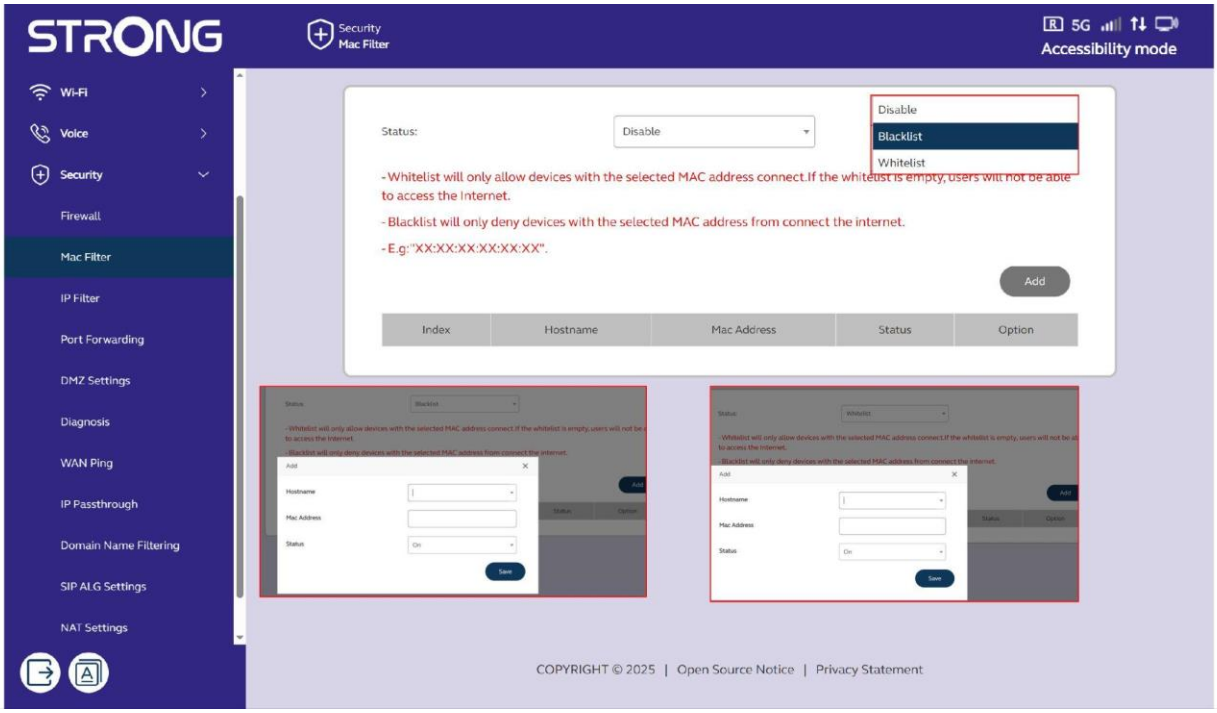

Fig. 30 — Security > Mac Filter: Internet access control by MAC

Mode	Description
Disable	No filtering.
Blacklist	Blocks Internet access to the listed MAC addresses.
Whitelist	Allows Internet access only to the listed MAC addresses. Empty list = no one can access the Internet.

7.3 IP Filter — Filtering by IP/port

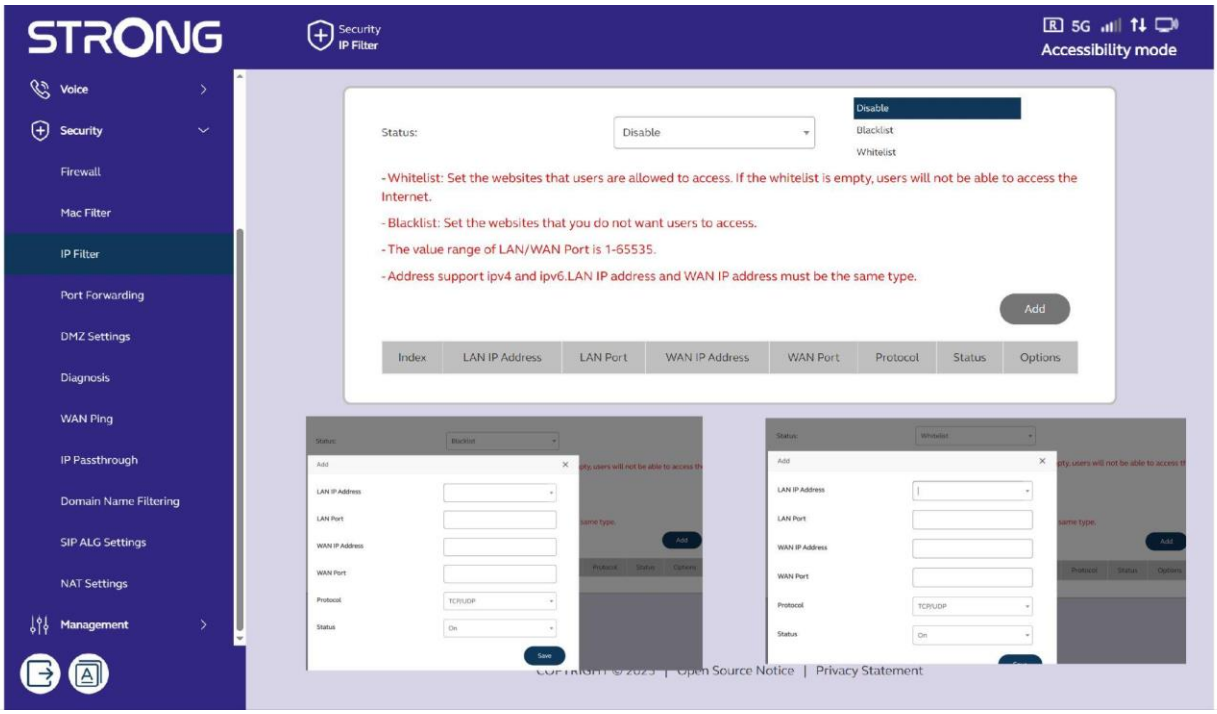

Fig. 31 — Security > IP Filter with Blacklist and Whitelist add windows

Setting	Description
Blacklist/Whitelist	Blacklist = blocks the listed connections. Whitelist = only allows the listed connections.
LAN IP Address + Port	Source IP and port on the local network.
WAN IP Address + Port	Destination IP and port on the Internet (1–65535).
Protocol	TCP, UDP or TCP/UDP.

NOTE
Supports IPv4 and IPv6. The LAN and WAN addresses of the same rule must be of the same type.

7.4 Port Forwarding — Port redirection

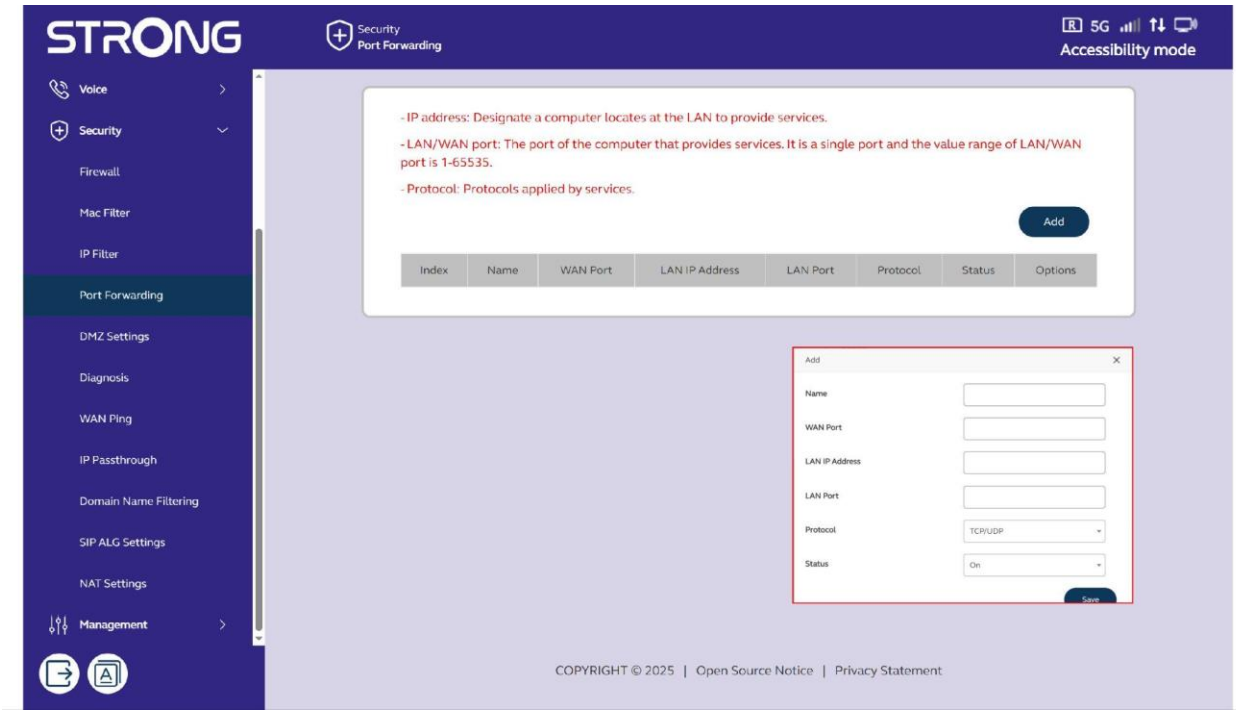

Fig. 32 — Security > Port Forwarding with add window

Redirects incoming Internet connections on a WAN port to a specific device on your local network (server, NAS, IP camera…).

Field	Description
Name	Descriptive name of the rule.
WAN Port	Incoming port on the Internet side.
LAN IP Address	IP of the recipient device on the local network.
LAN Port	Port on the recipient device.
Protocol	TCP, UDP or TCP/UDP.
Status	On = rule active | Off = deactivated without deletion.

7.5 DMZ Settings — Demilitarized Zone

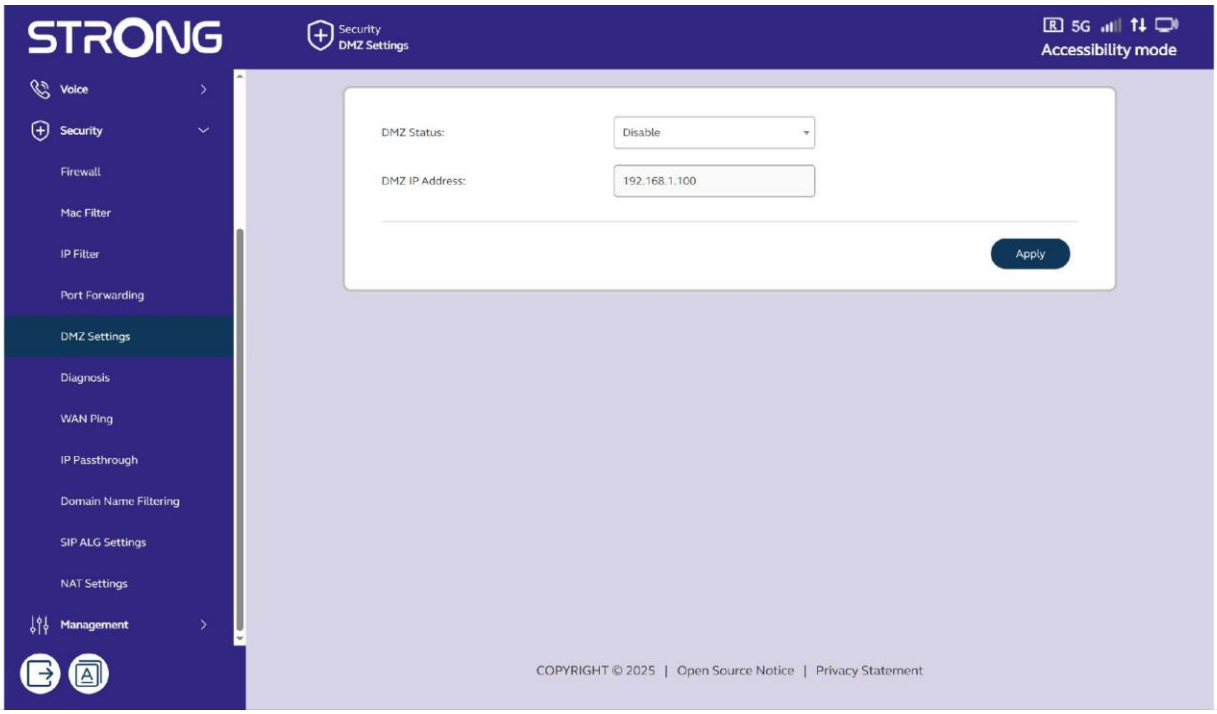

Fig. 33 — Security > DMZ Settings

Exposes a LAN device directly to the Internet, without the protection of the router's firewall. All ports not redirected by Port Forwarding are forwarded to this device.

Setting	Description
DMZ Status	Activates or deactivates the DMZ.
DMZ IP Address	LAN IP address of the exposed device (default: 192.168.1.100).

> ⚠ **IMPORTANT**
> Use the DMZ only for devices with their own security system. All incoming connections not redirected are forwarded to them.

7.6 Diagnosis — Network diagnostic tools

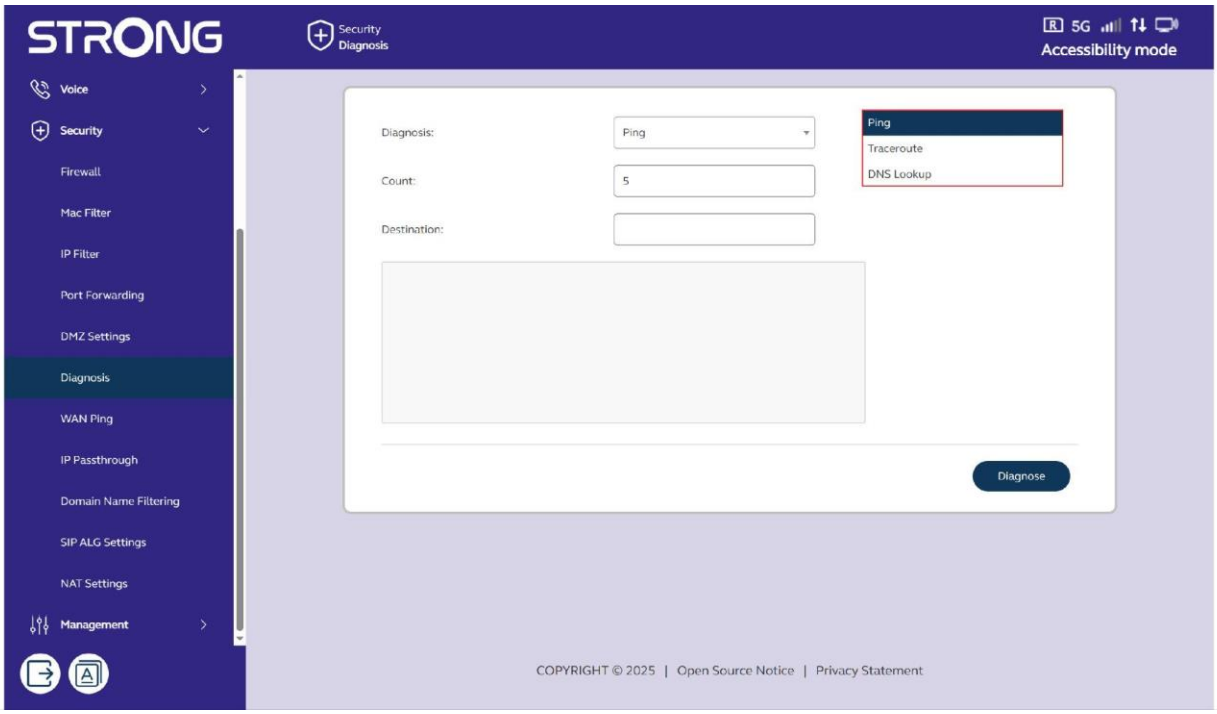

Fig. 34 — Security > Diagnosis: Ping, Traceroute, DNS Lookup

Tool	Description
Ping	Sends ICMP packets to an address to test connectivity. Configure Count (number of packets, default 5) and Destination.
Traceroute	Traces the complete network path to the destination — identifies congestion points.
DNS Lookup	Resolves a domain name to an IP address to verify DNS resolution.

7.7 WAN Ping

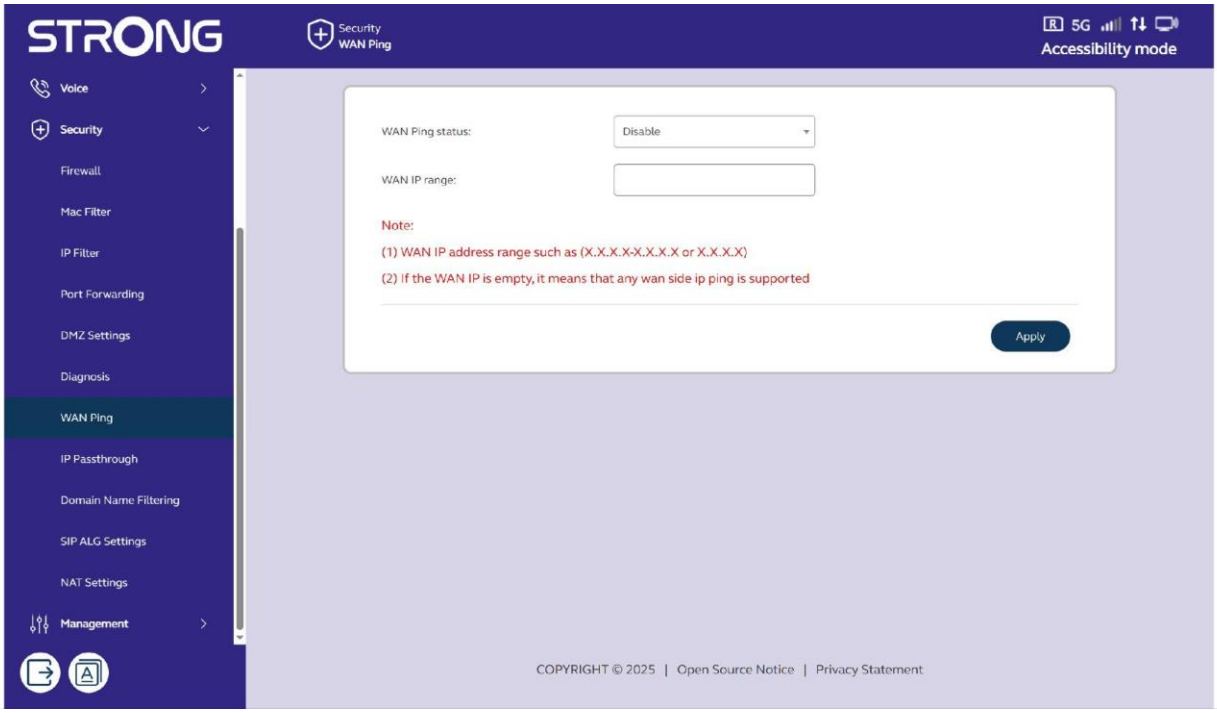

Fig. 35 — Security > WAN Ping

Setting	Description
WAN Ping status	Enable = responds to pings from the Internet. Disable (default) = ignores incoming pings.
WAN IP range	Restricts responses to a WAN range. Format: X.X.X.X-X.X.X.X or X.X.X.X. Empty = all WAN IPs.

7.8 IP Passthrough — Bridge mode

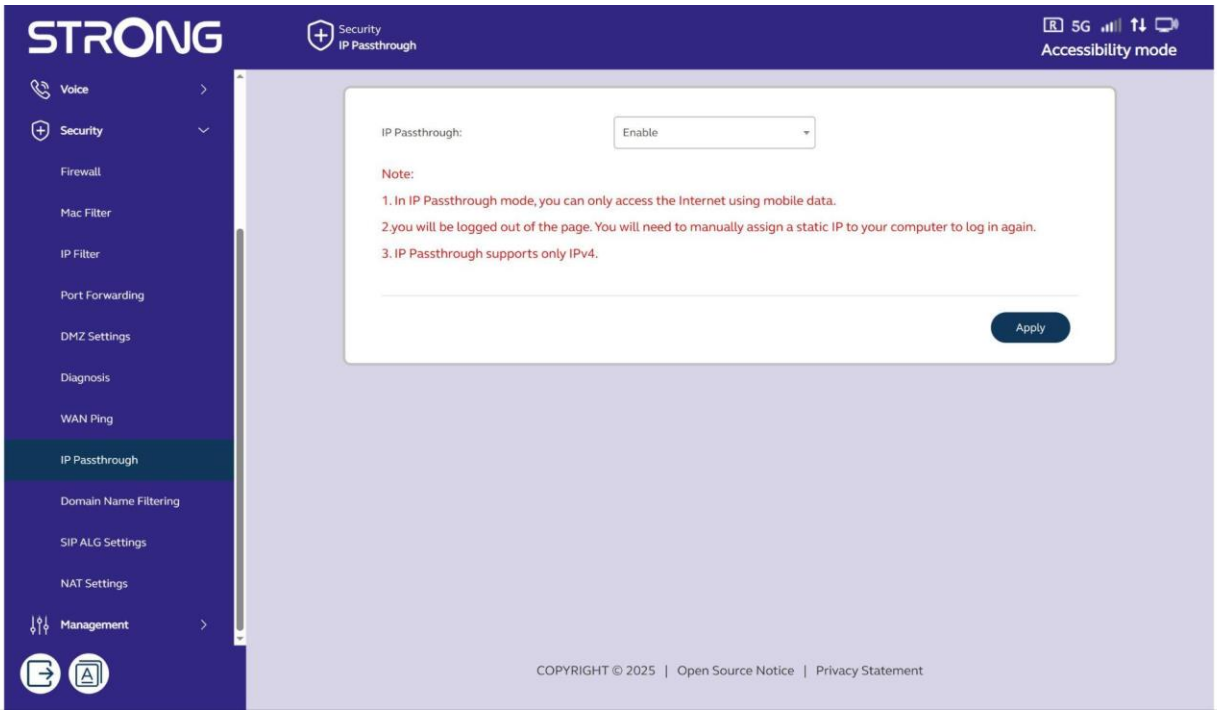

Fig. 36 — Security > IP Passthrough

Forwards the public WAN IP address directly to a LAN device. The router acts as a transparent bridge.

> ⚠ **IMPORTANT**
> In IP Passthrough mode: (1) Internet is available via mobile data only. (2) You will be disconnected from the Web UI — please reconnect by manually assigning a static IP. (3) IPv4 only.

7.9 Domain Name Filtering

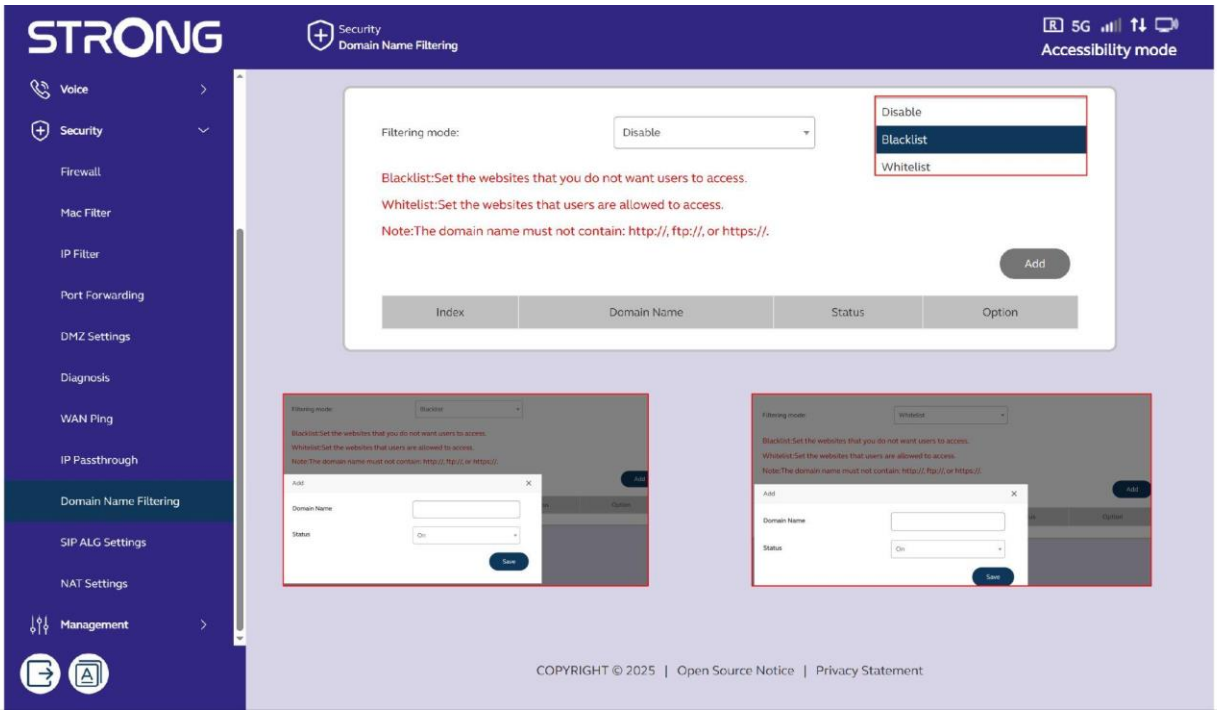

Fig. 37 — Security > Domain Name Filtering: filtering by domain name

Option	Description
Blacklist	Blocks the listed domains. The others remain accessible.
Whitelist	Allows only the listed domains.
Add	Add a domain without a prefix (e.g.: example.com — not https://example.com).

7.10 SIP ALG Settings

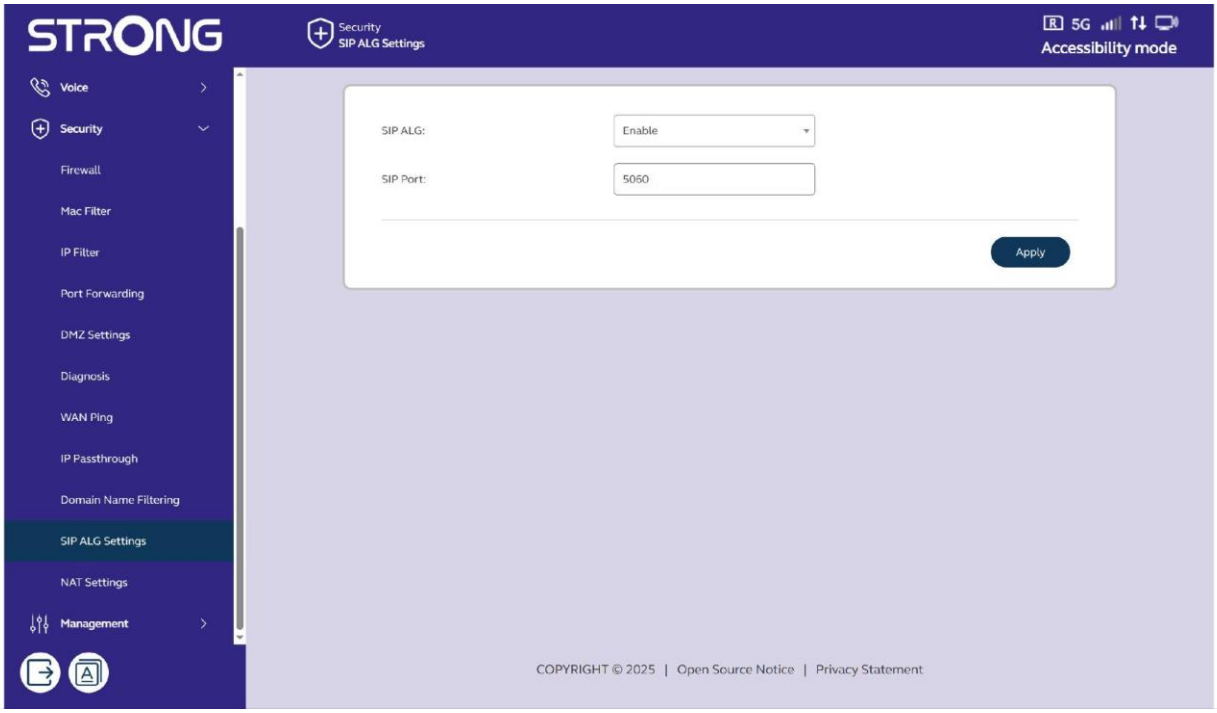

Fig. 38 — Security > SIP ALG Settings

Setting	Description
SIP ALG	Enables/disables SIP ALG for VoIP compatibility via NAT. Enabled by default.
SIP Port	SIP port used by the ALG (default: 5060).

7.11 NAT Settings

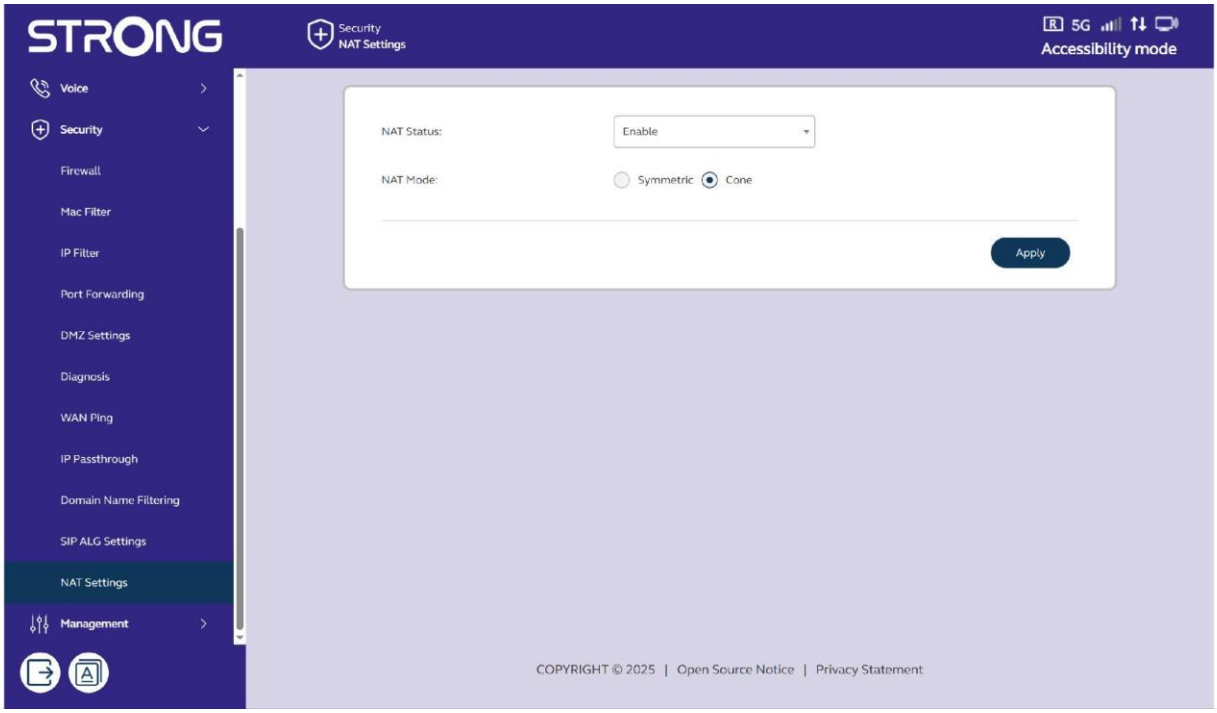

Fig. 39 — Security > NAT Settings

Setting	Description
NAT Status	Enables or disables NAT. Must be enabled for standard router operation.
NAT Mode — Cone	Recommended mode: permissive, suitable for gaming, VoIP, P2P.
NAT Mode — Symmetric	More restrictive, better security but may block certain applications.

8. Management — Administration

8.1 SNTP — Time Synchronization

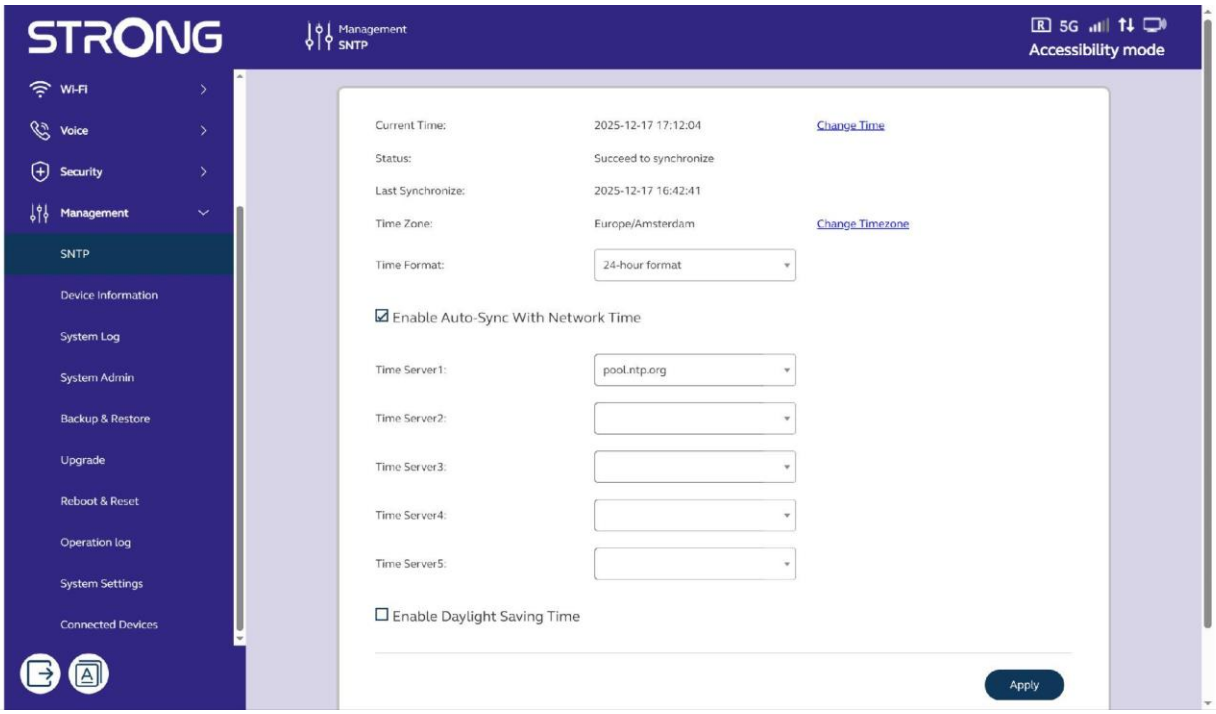

Fig. 40 — Management > SNTP: time and NTP servers

Setting	Description
Current Time	Current time. Click on Change Time to modify manually.
Status	NTP synchronization status.
Last Synchronize	Last successful synchronization.
Time Zone	Time zone (default: Europe/Amsterdam). Click on Change Timezone.
Time Format	24-hour (recommended) or 12-hour (AM/PM).
Auto-Sync	Check to enable automatic NTP synchronization.
Time Server 1–5	NTP servers (default: pool.ntp.org). Up to 5 servers.
Daylight Saving	Check to enable automatic daylight saving time (DST).

8.2 Device Information

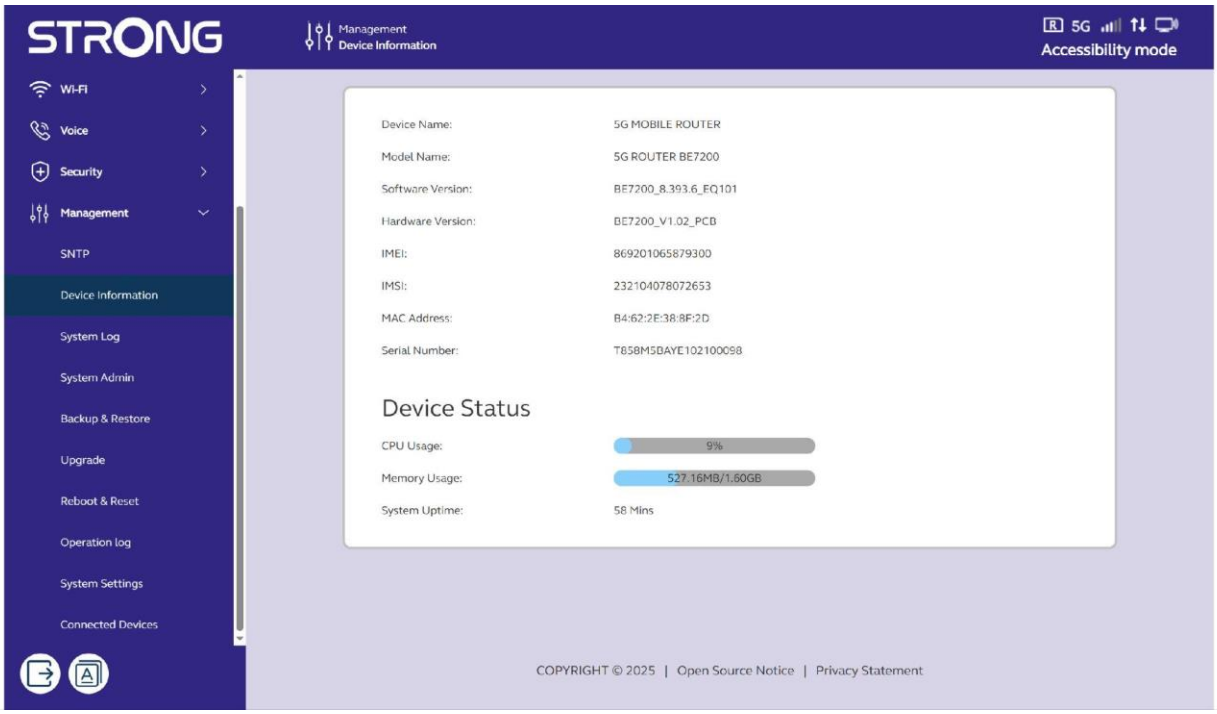

Fig. 41 — Management > Device Information: identity and system status

Information	Description
Device Name	5G MOBILE ROUTER.
Model Name	5G ROUTER BE7200.
Software Version	Installed firmware version (e.g.: BE7200_8.393.6_EQ101). Update via Management > Upgrade.
Hardware Version	Hardware version (e.g.: BE7200_V1.02_PCB).
IMEI	5G modem module identifier (15 digits) — useful for STRONG support.
IMSI	Identifier of the inserted SIM card.
MAC Address	Main MAC address of the router.
Serial Number	Unique serial number.
CPU Usage	Processor load as a percentage (progress bar).
Memory Usage	RAM used / total (e.g.: 527 MB / 1.60 GB).
System Uptime	Operating time since the last restart.

8.3 System Log — System Log

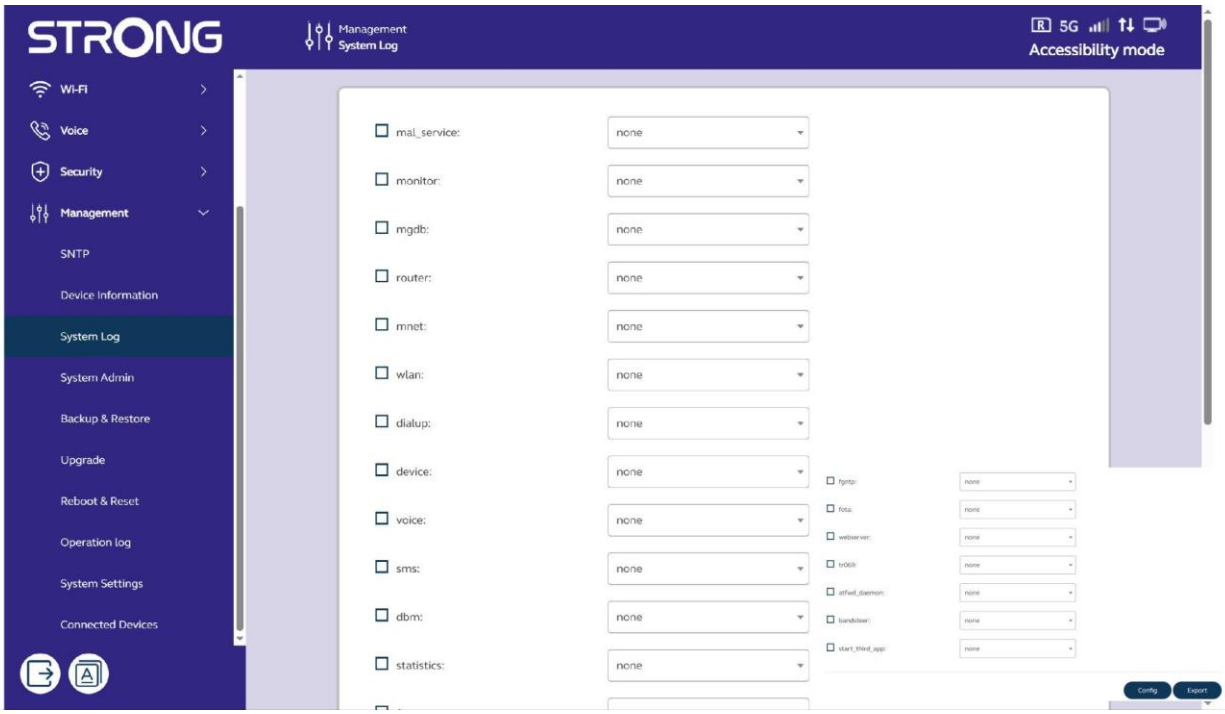

Fig. 42 — Management > System Log: logging levels by module

Technical log by module (router, wlan, voice, sms, device…). For each module: check to enable it, choose the level of detail (none, error, warning, info, debug). Config button to apply, Export to download the logs.

8.4 System Admin — Admin password

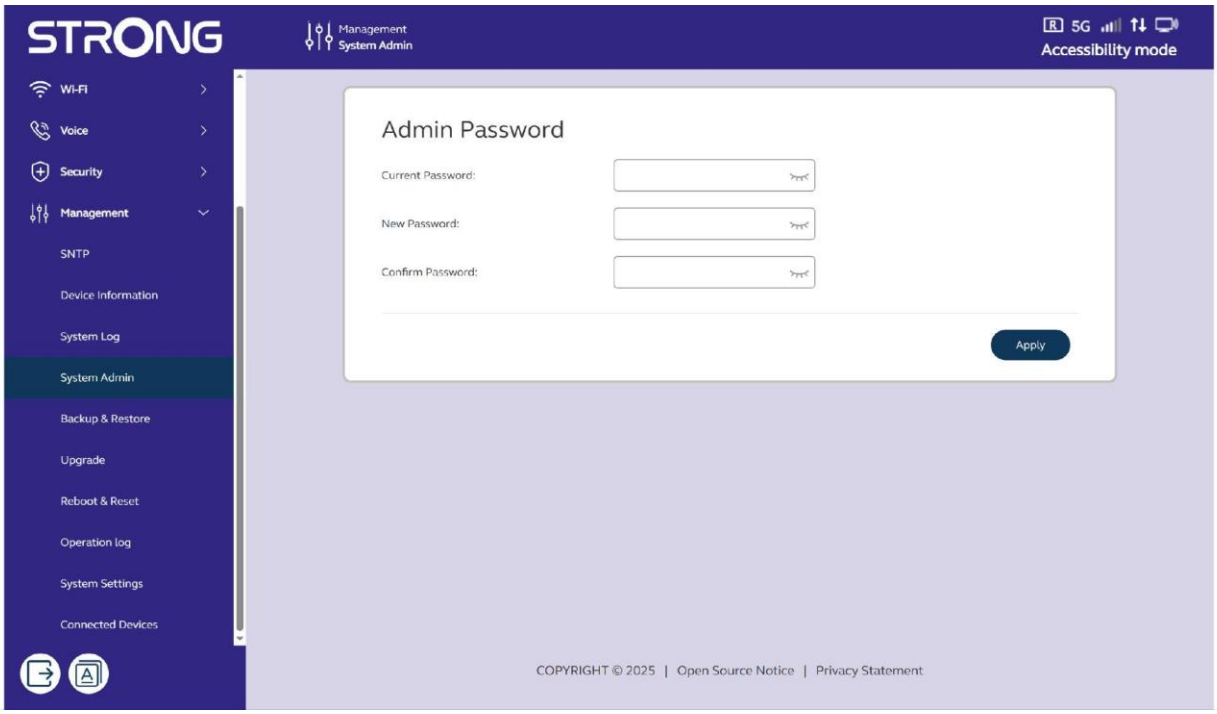

Fig. 43 — Management > System Admin: changing the Web UI password

Change the login password for the Web UI: enter the old password (Current Password), the new one (New Password), and confirm (Confirm Password). Click Apply.

> ⚠ **IMPORTANT**
> If the admin password is forgotten, the only solution is a factory reset (physical RESET button).

8.5 Backup & Restore — Backup

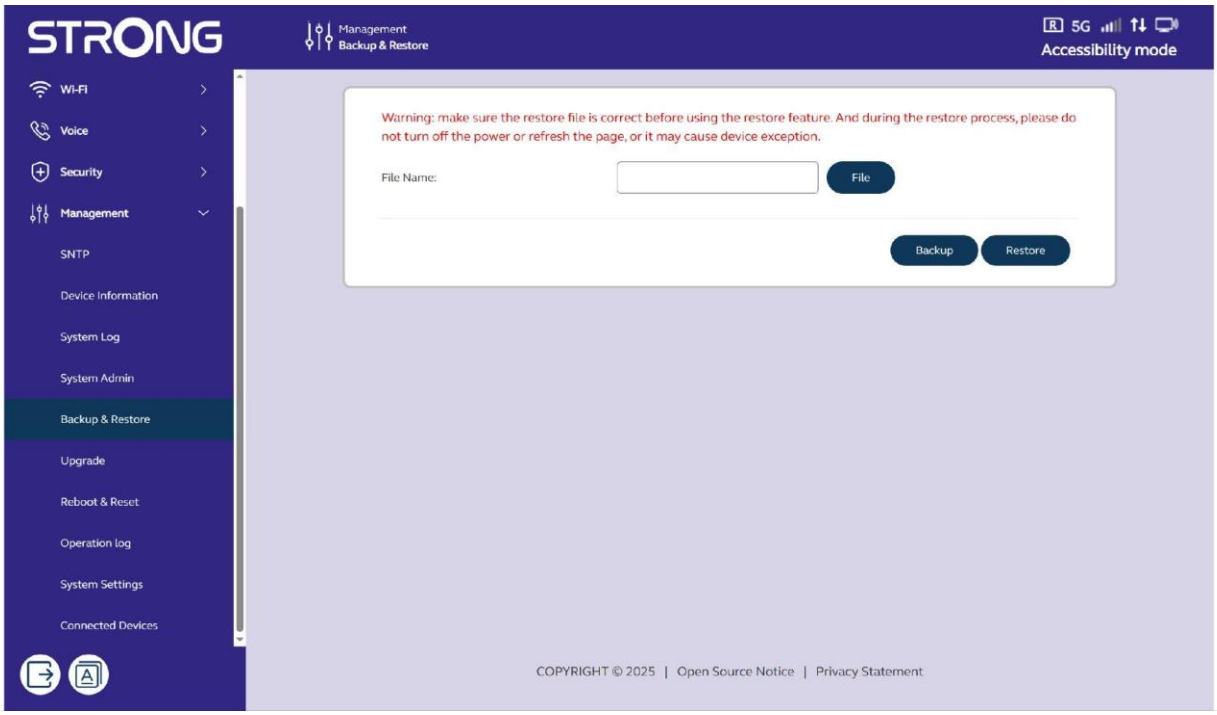

Fig. 44 — Management > Backup & Restore

Action	Description
Backup	Downloads a file containing the entire configuration.
File + Restore	Select a backup file and click Restore to restore. The router restarts.

> ⚠ **IMPORTANT**
> Do not disconnect the power during restoration.

8.6 Upgrade — Firmware update

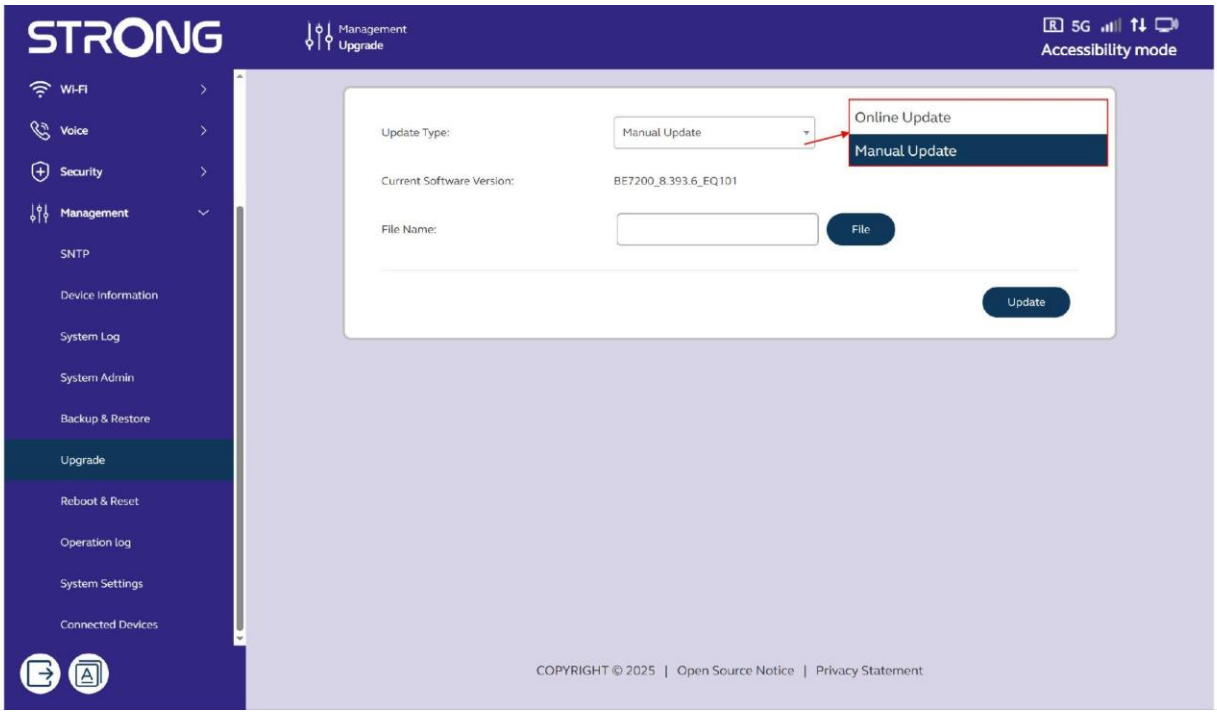

Fig. 45 — Management > Upgrade: Online Update and Manual Update

Option	Description
Online Update	Automatically checks and downloads the firmware from STRONG servers.
Manual Update	Installs a firmware file downloaded from strong.tv. Select the file (.bin) via File, then click Update.
Current Software Version	Firmware version currently installed.

> ⚠ **IMPORTANT**
> Never turn off the router during a firmware update. Duration: approximately 5 to 10 minutes.

8.7 Reboot & Reset

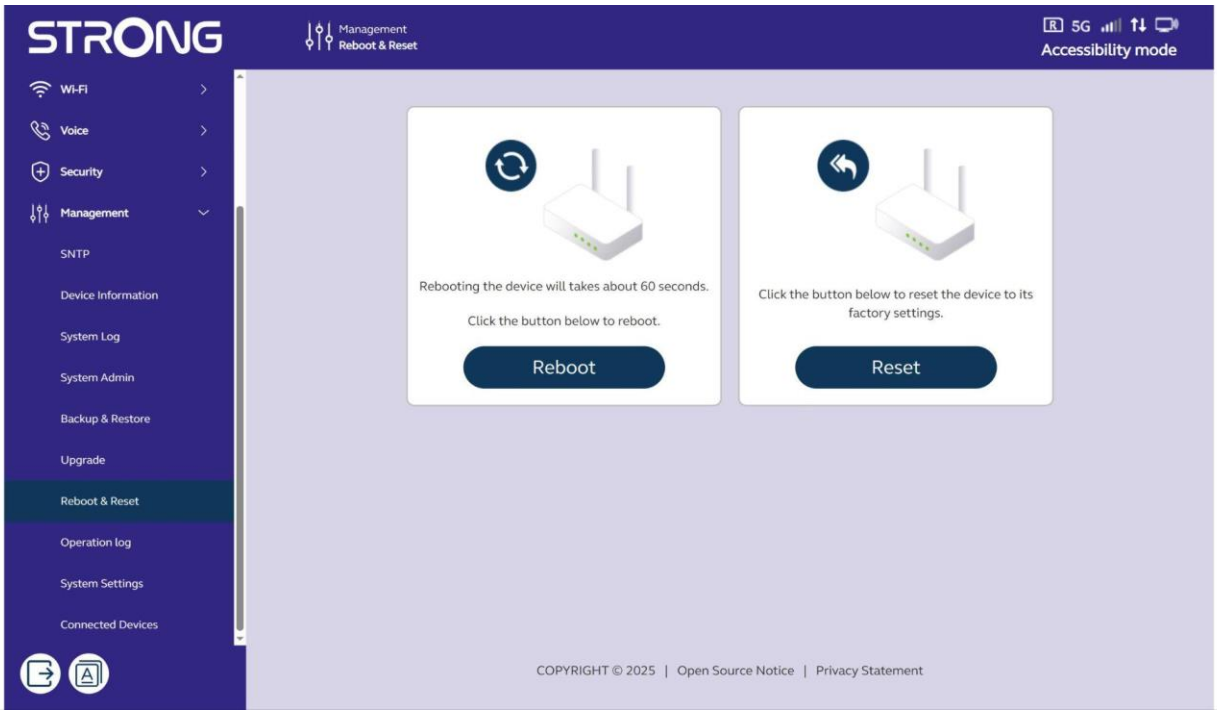

Fig. 46 — Management > Reboot & Reset: reboot and reset

Action	Description
Reboot	Software reboot (~60 s). Configuration fully preserved.
Reset	Complete factory reset — ALL configurations are erased. Irreversible.

> ⚠ **IMPORTANT**
> Back up first via Backup & Restore before any Reset.

8.8 Operation log — Operations log

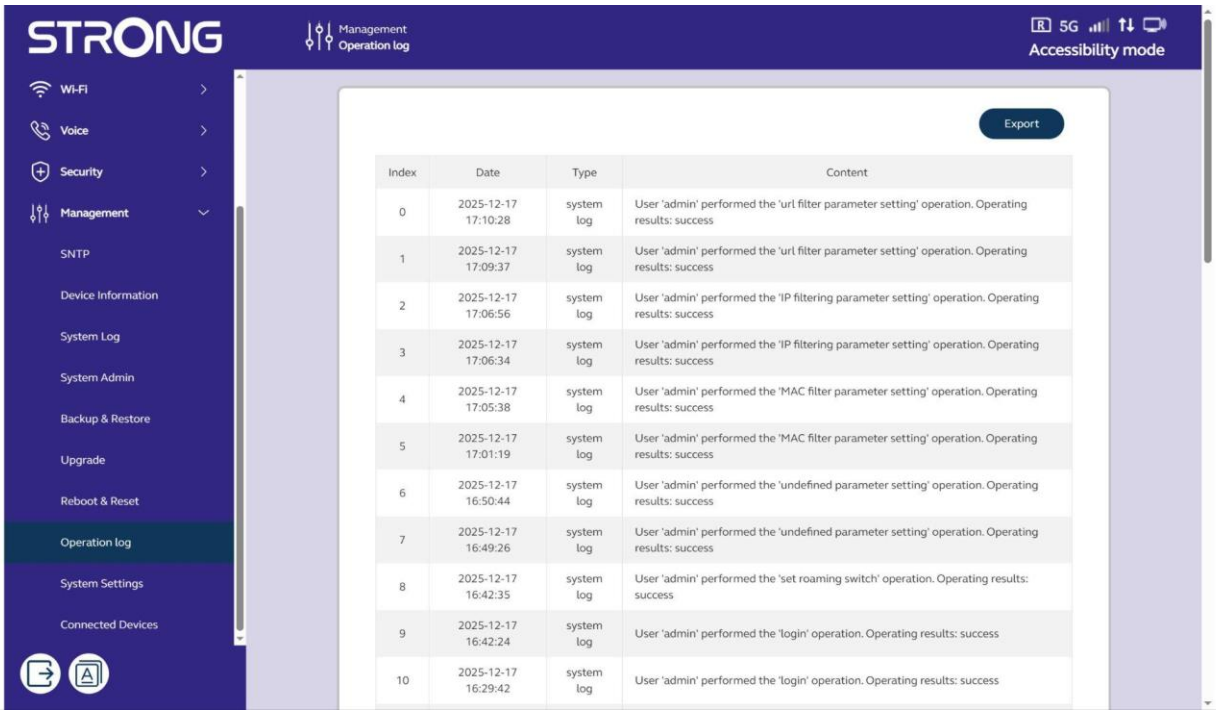

Fig. 47 — Management > Operation log: history of admin actions

Chronological history of all actions performed by the administrator (logins, parameter changes…). Columns: Index, Date, Type, Content. Export button to download.

8.9 System Settings — Scheduled restart

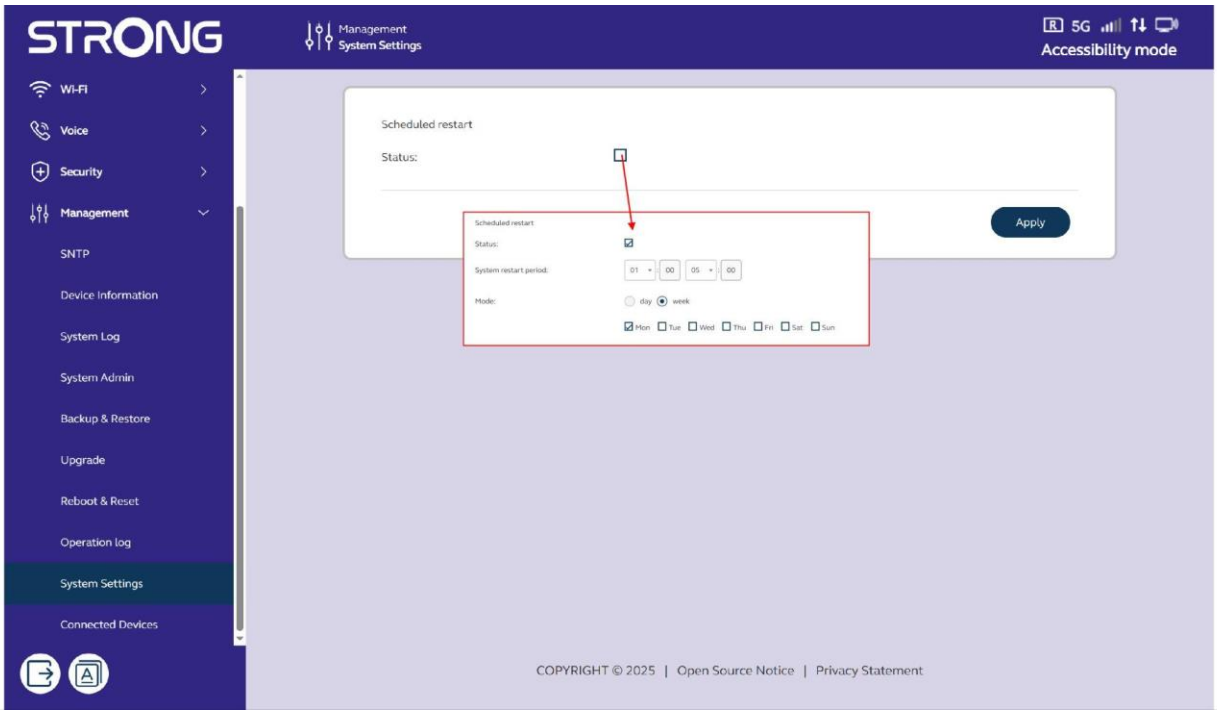

Fig. 48 — Management > System Settings: scheduled automatic restart

Setting	Description
Scheduled restart — Status	Check to enable scheduled restart.

Setting	Description
System restart period	Restart hour and minute (HH:MM).
Mode — day	Daily restart at the specified time.
Mode — week	Restart only on the selected days (Mon to Sun).

8.10 Connected Devices — Connected devices

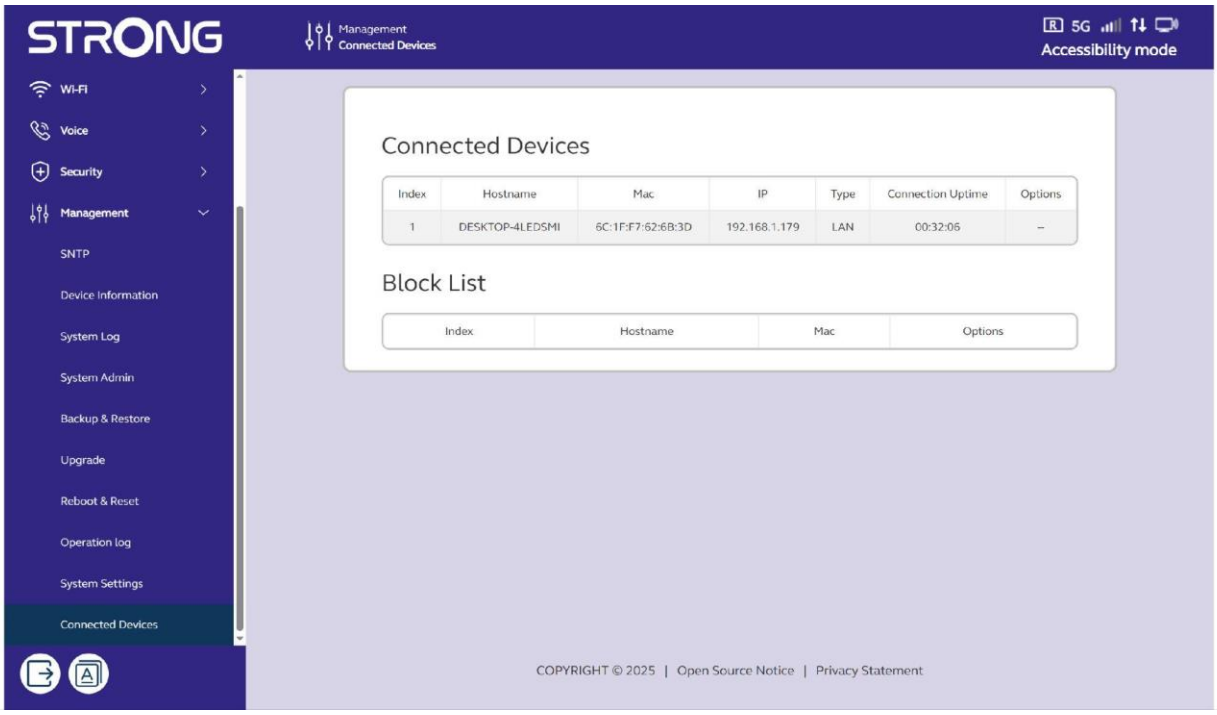

Fig. 49 — Management > Connected Devices: list and blocking of devices

Displays in real time all devices connected to the router's network. Supports up to 64 simultaneous devices (cable + Wi-Fi).

Column	Description
Index	Order number in the list.
Hostname	Device name on the network.
Mac	Device MAC address.
IP	Assigned LAN IP address.
Type	LAN (Ethernet cable) or Wi-Fi.
Connection Uptime	Connection duration.
Options	Click to block the device (move to the Block List).
Block List	Blocked devices — can no longer access the network. Click Options to unblock.

IV. Common operations

1. Change the SSID and Wi-Fi password

18. Wi-Fi > Wi-Fi Basic Settings.
19. Edit Name (SSID) and/or Password.
20. Recommended Security Mode: WPA2-PSK/WPA3-SAE.
21. Click Apply. All devices will need to reconnect.

2. Enable Wi-Fi 7 MLO (Band Aggregation)

22. Wi-Fi > Wi-Fi Advanced Settings: ensure that the 802.11 mode includes 'be' on both bands.
23. Wi-Fi > Wi-Fi Basic Settings: Band Steering set to Enable.
24. Wi-Fi Band Aggregation (MLO) set to Enable. Click Apply.

3. Connect via NFC (Android)

25. Wi-Fi > NFC: enable NFC Switch and select the target network.
26. On your Android smartphone, enable NFC.
27. Place your smartphone on top of the router. Automatic connection.

4. Monitor and limit data usage

28. Mobile Network > Statistics.
29. Check Data Usage Total, 1 Month, 1 Day.
30. Set Max Data Usage and enable Traffic Limit Notification.
31. Click Apply.

5. Update the firmware

32. Management > Upgrade.
33. Select Online Update for an automatic update.
34. Or Manual Update for a file downloaded from strong.tv.
35. Click Update. Do not turn off the router during the operation.

6. Use the router in WAN Ethernet mode (with 5G failover)

36. Connect the router's WAN/LAN 2.5GbE port to your Internet box with an Ethernet cable.
37. Internet > Ethernet: select Auto or the appropriate mode. Click Apply.

In the event of a wired connection failure, the router will automatically switch to the 5G connection (5G failover), ensuring service continuity.

V. Troubleshooting

Symptom	Probable cause	Solution
Router does not start	Power supply not connected or faulty	Check the DC 12V/2A cable and the power adapter.
5G and 4G/3G LEDs off	SIM not inserted or PIN required	Check the SIM insertion (underneath). Enter the PIN in Mobile Network > PIN Management.
No Internet (red/off LED)	Incorrect APN or insufficient coverage	Check the APN (Mobile Network > Profile Management). Test by moving the router.
Web UI inaccessible (192.168.0.1)	Not connected to the router's network	Check the Wi-Fi connection or Ethernet cable. Enter http://192.168.0.1 (without 's').
Web UI password forgotten	Password lost	Reset using the physical RESET button (underneath, 5–10 seconds with a pin).
Wi-Fi not visible	SSID hidden or Wi-Fi disabled	Enable Broadcast SSID in Wi-Fi > Wi-Fi Basic Settings.
Low Wi-Fi speed	MLO disabled or 802.11be mode not active	Enable Band Aggregation (MLO) and check the 802.11be mode in Wi-Fi Advanced Settings.
No sound on the landline phone	VoLTE not enabled or SIM without VoLTE	Voice > Phone Settings: select VoNR/VoLTE. Check that your plan includes VoLTE.
SIM blocked (PUK required)	3 incorrect PIN codes	PIN Management > PIN Operation: Unblock with the PUK code from your operator.
NFC does not work	NFC disabled or iOS device	Check NFC Switch in Wi-Fi > NFC. Android only.
Firmware update failed	Connection lost or incorrect file	Restart. In manual mode, check that the file is indeed for the BE7200 model.
Device accidentally blocked	Added to the Block List by mistake	Management > Connected Devices > Block List: delete the relevant entry.
Ethernet WAN connection does not work	WAN mode not configured	Internet > Ethernet: select Auto. 5G failover takes over automatically.

TIP

For any unresolved issue, please visit www.strong.tv or contact STRONG support. Prepare the serial number (Management > Device Information) and the firmware version.

VI. Technical Specifications

General characteristics

Characteristic	Value
Product reference	5GROUTERBE7200
Trade name	5G Router Wi-Fi 7 7200
Trademark	STRONG (subsidiary of Skyworth)
SoC (System on a Chip)	Qualcomm SDX72
3GPP Release	Release 17
Dimensions (L × W × H)	100 × 100 × 180 mm
Weight	834 g
Color	White
Operating temperature	0°C to +45°C
Storage temperature	-20°C to +45°C
Power supply	External — DC 12V / 2A (adapter included)
Input voltage	DC 5V, 2A
Power consumption in operation	3 W
Warranty	4 years
EAN	9120137872019
Certification	CE

5G mobile connectivity

Characteristic	Value
Mobile technology	5G NR NSA & SA
SIM	Nano SIM (not included) — unlocked, all major carriers
Maximum download speed	4 Gbps (4,000 Mbps)
Maximum upload speed	900 Mbps
Internal 5G antennas	4×
5G signal indicator	Dedicated 5G LED + dedicated 4G/3G LED
5G NR bands	n1 / n3 / n5 / n7 / n8 / n20 / n28 / n38 / n40 / n41 / n71 / n75 / n77 / n78
LTE (4G) bands	B1 / B3 / B5 / B7 / B8 / B20 / B28 / B32 / B38 / B40 / B41 / B42 / B43 / B71
UMTS (3G) bands	B1 / B5 / B8

Characteristic	Value
Global roaming	Disabled by default (configurable in Mobile Network > Mobile Connection)
PIN management	Yes (Mobile Network > PIN Management)
APN profile update	Yes (Mobile Network > Profile Management)

Wi-Fi connectivity

Characteristic	Value
Wi-Fi standard	Wi-Fi 7 — IEEE 802.11 a/b/g/n/ac/ax/be
Total Wi-Fi speed	7.2 Gbps (7,141 Mbps)
2.4 GHz speed	1,376 Mbps
5 GHz speed	5,765 Mbps
Technology	Dual-Band Simultaneous 2.4 GHz + 5 GHz
Wi-Fi 7 MLO	Multi-Link Operation — aggregation 2.4 GHz + 5 GHz
Wi-Fi streams	8 (4 + 4)
Internal Wi-Fi antennas	4× (3 dBi)
Wi-Fi security	WPA2 / WPA2-WPA3 / WPA3
WPS button	Yes (front panel)
Wi-Fi On/Off	Via POWER/WPS button (rear panel)
NFC	Yes — One Touch Connect (Android only, top of the router)
Guest network	Yes (separate SSID on 2.4 GHz)
Maximum simultaneous devices	64

Wired connectivity

Interface	Description
WAN/LAN Port 1 (2.5GbE)	1× RJ-45 — 2.5 Gbps — with automatic 5G failover
LAN Port 2 (GbE)	1× RJ-45 — 1 Gbps
Telephony port	1× RJ-11 (TEL) — VoNR (5G) / VoLTE (4G) / SIP VoIP — FSK / DTMF
Ethernet cable included	Yes (1× RJ-45 cable)

Network and security functions

Function	Support
IP protocols	IPv4 + IPv6 (dual stack)

Function	Support
NAT	Symmetric and Cone
DHCP	DHCP server + Static DHCP
Port Forwarding	Yes
DMZ	Yes
IP Passthrough	Yes (IPv4)
5G Failover	Yes (automatic 5G failover if the WAN Ethernet connection fails)
SPI Firewall	Yes + Anti-DoS
MAC Filtering	Blacklist / Whitelist (Wi-Fi and LAN)
IP Filtering	Blacklist / Whitelist with IP/port/protocol rules
Domain Filtering	Blacklist / Whitelist by domain name
Parental Control	Yes (via domain/IP filtering)
SMS	InBox / OutBox / DraftBox + auto forwarding + delivery receipt
NTP	Automatic synchronization (pool.ntp.org, up to 5 servers)
OTA Update	Yes (Automatic Online Update available)
Web UI Languages	EN, DE, FR, IT, ES, PT, PL, CZ, SK, NL, BG, GR, HU, HR, RO, RS, UA

Legal Notice

NOTE

This manual corresponds to firmware BE7200_8.393.6_EQ101 / Hardware BE7200_V1.02_PCB.