

STRONG

5G+ HOPI Mobile Wi-Fi

5GMIFIAX1800

5G NR | Wi-Fi 6 AX1800 | 4,500 mAh | 2.4" Touchscreen | 4-year warranty



STRONG 5GMIFIAX1800 — front view

User Manual

Version 1.3.4 — 2026

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I. Introduction

1. General Overview

Welcome to the STRONG 5G+ HOPI Mobile Wi-Fi (5GMIFIAX1800). This manual covers the complete setup and configuration of this 5G mobile hotspot.

The 5GMIFIAX1800 is a compact 5G mobile Wi-Fi router that shares a high-speed Internet connection with up to 16 devices simultaneously over Wi-Fi 6 AX1800. A 2.4" capacitive touchscreen provides instant access to connection status, SMS inbox, and settings, while the full Web UI (<http://192.168.10.1>) gives access to all advanced options.

Key features:

- 5G NR NSA & SA: up to 3.4 Gbps download / 550 Mbps upload, compatible with 5G/4G+/4G/3G networks
- Wi-Fi 6 (802.11ax) dual-band: 574 Mbps @ 2.4 GHz + 1,201 Mbps @ 5 GHz = AX1800 total
- Up to 16 simultaneous Wi-Fi connections
- 2.4" (6.10 cm) capacitive colour touchscreen — time, signal, battery, Wi-Fi status, SMS inbox
- Battery: 4,500 mAh removable Li-ion — over 6 hours continuous use, 72 hours standby
- USB-C port: charges the device; also enables emergency charging of other devices (power bank)
- Nano SIM slot (SIM not included) — unlocked, compatible with all major operators, international roaming
- SMS inbox, drafts, and sent box managed from the touchscreen
- Setup via MySTRONG app or Web UI (<http://192.168.10.1>)
- OTA firmware update
- 5 GB free data in 32+ EU countries included — RedTea Mobile (see www.strong-eu.com/blog/redtea-mobile)
- 4-year device warranty (battery: 2 years)

⚠ IMPORTANT — A Nano SIM card (not included) is required for 5G connectivity. The 5GMIFIAX1800 connects exclusively via mobile network (5G/4G+/4G/3G) — there is no Ethernet WAN port.

2. Box Contents

Item	Description
5GMIFIAX1800 HOPI Mobile Wi-Fi × 1	The 5G mobile hotspot with 2.4" touchscreen and removable battery.

Removable 4,500 mAh Li-ion battery × 1	Pre-installed in the device.
USB-C cable × 1	For charging (use with a USB-C PD3.0 charger — not included).
Quick Installation Guide × 1	Setup instructions including SIM slot location.
Safety & warranty card × 1	Regulatory documentation and 4-year warranty.

3. Physical Overview



5GMIFIAX1800 — front view: touchscreen (top), power button (bottom), STRONG logo



5GMIFIAX1800 — perspective view showing USB-C port (bottom edge)

3.1 Front panel

Component	Description
2.4" touchscreen (front, top)	Capacitive LCD colour display. Shows time, 5G signal bars, battery level, Wi-Fi status and connected device count. Swipe to navigate menus.
Power button (front, bottom)	Round button. Press and hold 3 seconds to power on or off. Short press to lock/wake the screen.
STRONG logo	Branding on the right side of the front panel.

3.2 Connectors

Component	Description
USB-C port (bottom edge)	For charging the device (supports PD3.0 fast charge: 5V-3A / 9V-2.22A / 12V-1.67A). Also used to charge other devices in emergency (power bank function — see Section VI).

3.3 Back panel (SIM, Reset, Battery)

Component	Description
Nano SIM slot (under battery)	Located in the battery compartment, under the removable battery and back cover. Unlock the SIM holder before inserting (see Section II).
Reset pinhole	Insert a pin and hold 5–10 seconds to restore factory settings.
Back cover / battery compartment	Slide to remove. Gives access to the SIM slot and battery.

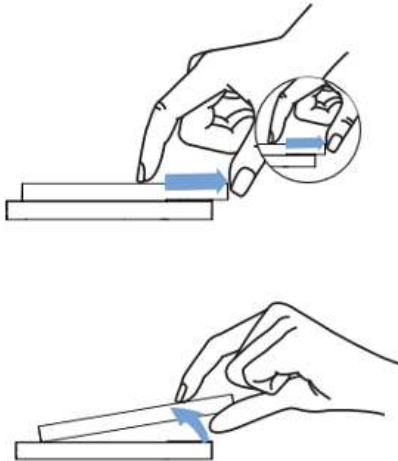
⚠ WARNING — Never insert or remove the SIM card while the device is powered on. Always power off first.

II. Getting Started

1. SIM card and battery installation

The Nano SIM slot is located under the removable battery. Follow these steps before first use:

Step 1 — Remove the back cover



Slide the back cover down and lift it off

Push the back cover downward then lift it away from the device to open the battery compartment.

Step 2 — Unlock the SIM card slot

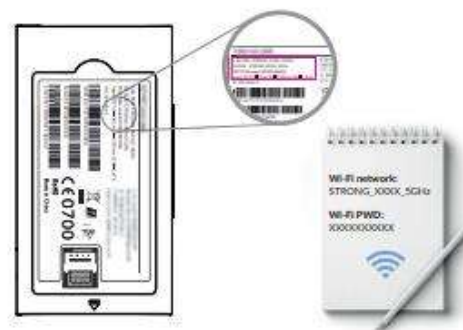
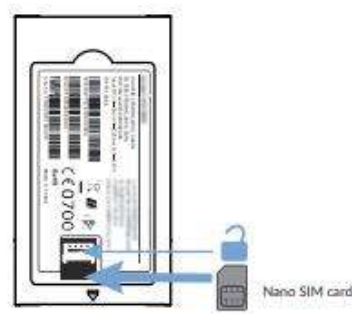


Slide the SIM slot lock to the open (🔓) position before inserting the SIM

Slide the SIM card holder lock toward the open padlock icon (🔓) to unlock it.

⚠ WARNING — Never force the SIM card. The slot must be unlocked before inserting or removing the card.

Step 3 — Insert the Nano SIM card and note your Wi-Fi credentials



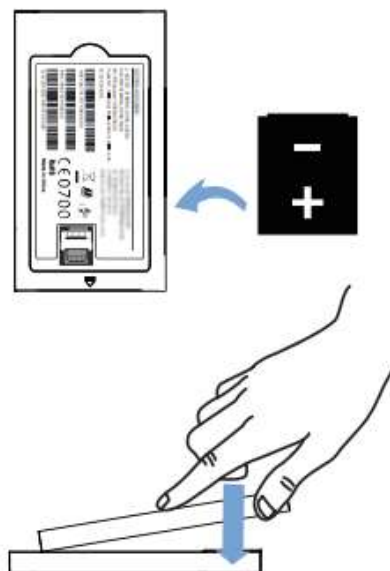
Insert the Nano SIM card (left) and note the Wi-Fi credentials from the back label (right)

Insert the Nano SIM card into the slot with the gold contacts facing down, as indicated by the arrow on the device. Then slide the lock back to the closed padlock position (🔒) to secure the card.

The default Wi-Fi network name (SSID) and password are printed on the label on the back of the device. Note them before replacing the battery and cover.

💡 NOTE — Default Wi-Fi name: STRONG_XXXX (2.4 GHz) / STRONG_XXXX_5GHz (5 GHz). Default password is printed on the back label.

Step 4 — Insert the battery

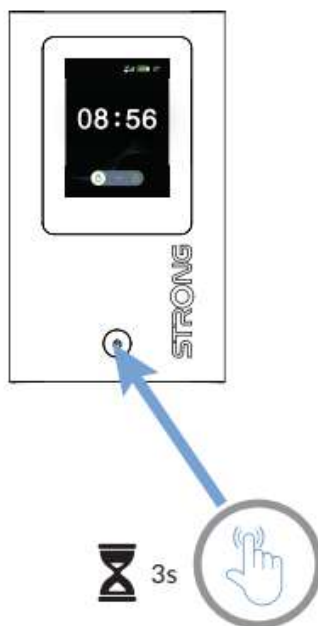


Insert the 4,500 mAh battery with the contacts aligned

Insert the 4,500 mAh Li-ion battery into the compartment. Align the battery contacts (+ and -) with the device contacts. Slide the back cover back on until it clicks into place.

⚠ WARNING — Use only the supplied 4,500 mAh Li-ion battery. Third-party batteries can damage the device and void the warranty.

Step 5 — Power on



Press and hold the power button for 3 seconds to power on

Press and hold the power button (front, center) for 3 seconds until the STRONG logo appears on the touchscreen. The device is ready when the 5G signal bars, battery icon, and Wi-Fi icon are visible.

NOTE — The 5GMIFIAX1800 connects exclusively via 5G/4G+/4G/3G. No Ethernet cable is required or used. Your Wi-Fi network is immediately active using the credentials on the back label.

2. Create password (first login)

On first access to the Web UI (<http://192.168.10.1>), you are prompted to create a login password before reaching the main interface.

Create password(First login)

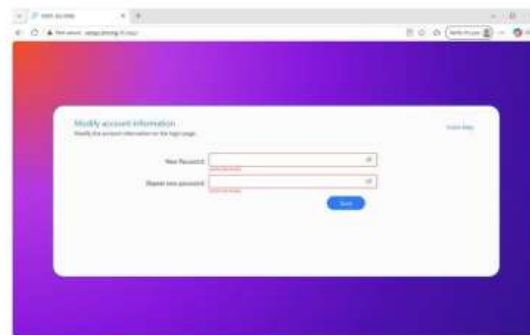


Fig. 1 — First login — Create password screen (Modify account information)

- Enter a New Password and repeat it in Repeat new password.
- Click Sure to confirm. You are redirected to the login page.

3. Login

All subsequent accesses require the password you created.

Login

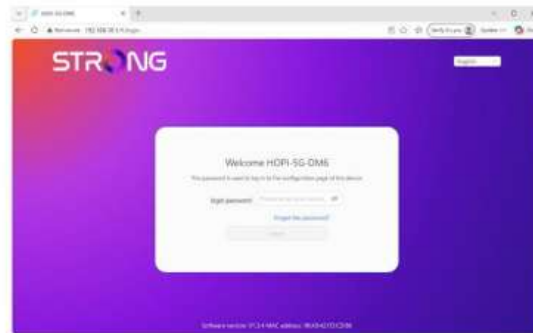


Fig. 2 — Login screen — Welcome HOPI

- Enter your login password and click Log in.

The software version and MAC address are displayed at the bottom of the login screen for reference.

4. Forgot password

Forget password

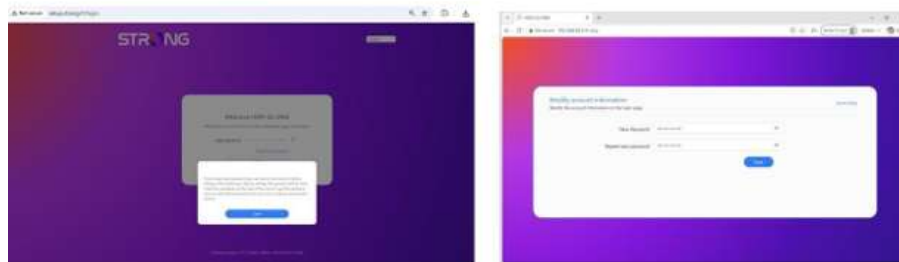


Fig. 3 — Forgot password — factory reset prompt and new password setup

Click "forget the password?" on the login page. A pop-up explains that restoring factory settings will reset the password and erase all data. Click Sure to proceed. Once the reset completes (~166 s), you will be prompted to create a new password.

⚠ IMPORTANT — Forgetting the password requires a full factory reset, which erases ALL configurations (Wi-Fi credentials, firewall rules, parental controls, scheduled tasks). Note down your password in a safe place.

III. Full Description of the Web UI

NOTE — The Web UI screenshots in this section are taken from the HOPI-5G-DM6 system for reference. On the 5GMIFIAX1800 standalone device, the ‘Mesh Management’ tab does not appear and the ‘wired’ indicator is absent — the device connects exclusively via 5G/4G. All other settings and menus are identical.

Access: <http://192.168.10.1> from any device connected to the 5GMIFIAX1800 Wi-Fi network.

Navigation: four tabs across the top — Home Page, Wi-Fi Settings, Device Management, More — plus three quick-access buttons top-right: Restore Factory, Restart, Logout, and a language selector.

1. Home Page

The Home Page is the main dashboard showing real-time connectivity.

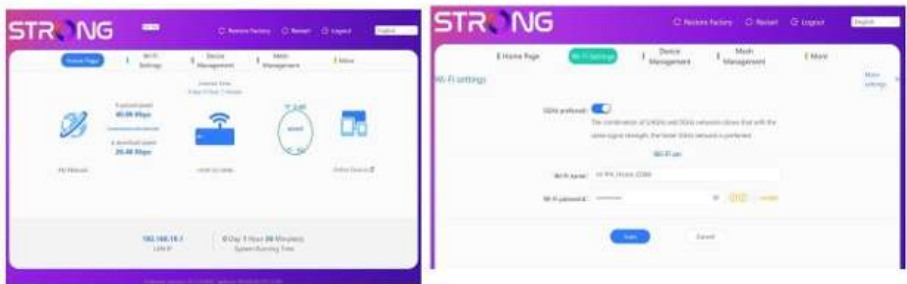


Fig. 4 — Home Page and Wi-Fi Settings (reference screenshot from DM6 system)

Element	Description
Internet Time	Time elapsed since the 5G connection was established.
My Network (globe icon)	Shows upload/download throughput and 5G connection status. Click the icon to view connection details.
5GMIFIAX1800 (device icon)	Click the icon to view device details.
2.4G / 5G indicators	Active Wi-Fi radio bands.
Online Devices	Count of connected clients. Click the icon to view the device list.

LAN IP	Current LAN IP address of the device (default: 192.168.10.1).
System Running Time	Time since last reboot.

2. Wi-Fi Settings

Quick Wi-Fi configuration. For advanced per-band settings, click “More settings” on the top right (see sections 5.2.4 to 5.2.8).

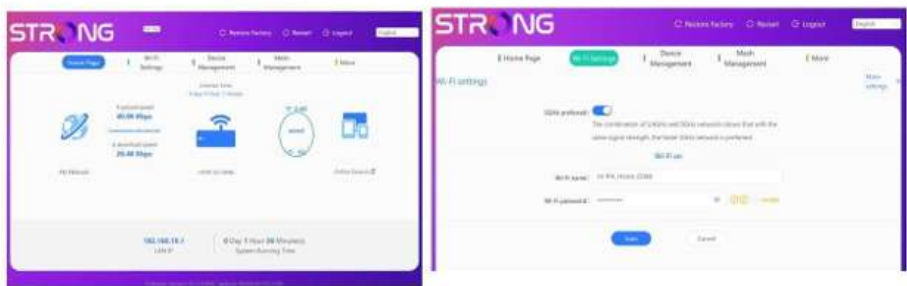


Fig. 5 — Wi-Fi Settings — 5GHz preferred enabled (unified SSID)

Field	Description
5GHz preferred (ON, default)	Single unified SSID for both bands. The device automatically assigns clients to 2.4G or 5G for best performance.
5GHz preferred (OFF)	Separate 2.4 GHz and 5 GHz networks. The SSID suffix '2.4G' and '5G' are appended to the original name. Password remains the same.
Wi-Fi name	SSID of the network.
Wi-Fi password	Network password (strength indicator: low / middle / high).
Sure / Cancel	Save or discard changes.

Wi-Fi setting

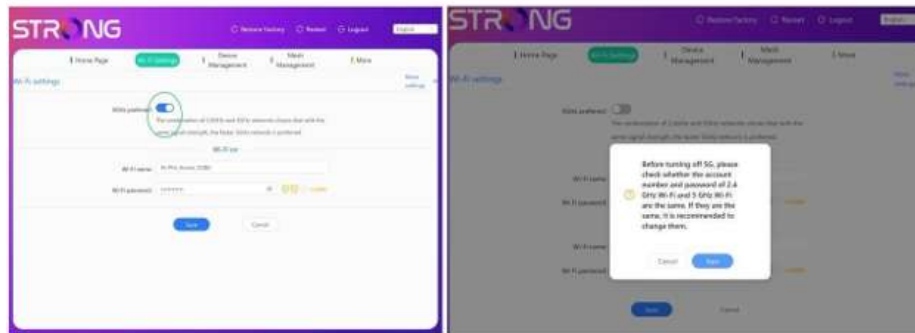


Fig. 6 — Wi-Fi Settings — 5GHz preferred toggle



Fig. 7 — Wi-Fi Settings — 5GHz preferred OFF: separate 2.4 GHz and 5 GHz

3. Device Management

Lists all Wi-Fi devices currently connected to the 5GMIFIAX1800 hotspot.



Fig. 8 — Device Management — connected devices

Column	Description
Device name	Hostname of the connected device.
IP/MAC	IP address and MAC address.
Online Time	Duration the device has been connected.
Allow access to the Internet	Toggle to block or restore Internet access for that device without disconnecting it from the local Wi-Fi.

4. More

Accessed via the top navigation bar. Provides full advanced configuration through six tabs: State — Network — Safety — Manage — Diagnosis — Help.

4.1 State

Overview of the device's current status.

Device management



Fig. 9 — More > State — full status overview

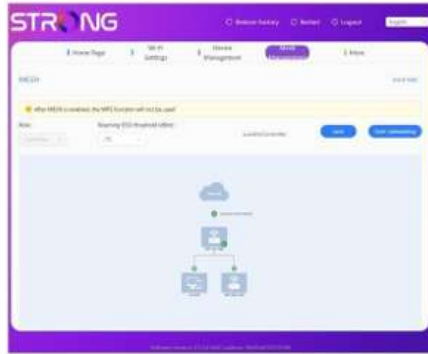
Block	Content
2.4 GHz / 5 GHz Wi-Fi status	SSID, broadcast status, and password (masked).
Operation hours	Total uptime since last boot.
Memory usage	Pie chart: total memory cache, available memory, used memory.
Model / SN / Software version	Device identification.
LAN IP	Network address details.
Operating mode	Current mode (routing mode).

4.2 Network

Left sidebar items: DHCP settings, IP address reservation, IGMP Settings, 2.4 GHz Wi-Fi, 5 GHz Wi-Fi, WPS settings, Parental Controls.

4.2.1 DHCP Settings

Mesh management



With mouse on the device, it displays device info:



Fig. 10 — Network > DHCP Settings

Field	Description
LAN IP address	IP of the device on the local network (default: 192.168.10.1).
Subnet mask	Default: 255.255.255.0.
DHCP server	Enable/disable the DHCP server.
Primary / Secondary DNS	DNS servers distributed to connected clients.
IP address pool	Range of DHCP addresses (default: 192.168.10.100 – 192.168.10.200).
Lease period	10 Hour / 1 Day (default) / 1 Week.

4.2.2 IP Address Reservation

Assigns a fixed IP address to a specific device by MAC address (Static DHCP). Click “+ Add to”, enter the IP and MAC address, then click Sure.

More_State



Fig. 11 — Network > IP Address Reservation

4.2.3 IGMP Settings

IGMP Snooping Enable and IGMP Proxy Enable. Required for multicast / IPTV streamed over the 5G connection. Click Save & Apply.

Network_DHCP setting

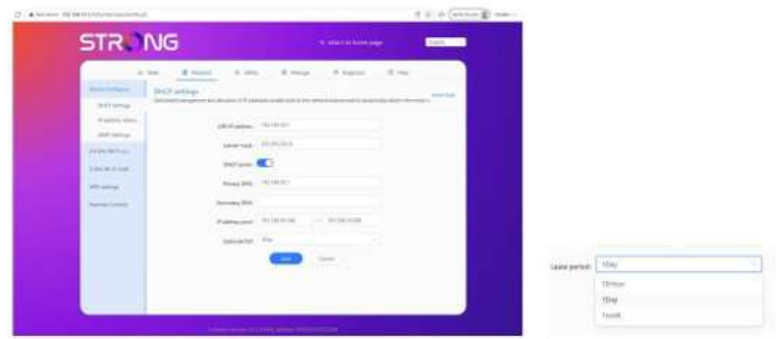


Fig. 12 — Network > IGMP Settings

4.2.4 Wi-Fi Settings — 2.4 GHz (Advanced)

Advanced configuration for the 2.4 GHz band, with Main Wi-Fi and Guest Wi-Fi sub-tabs.

Network_IP address reservation

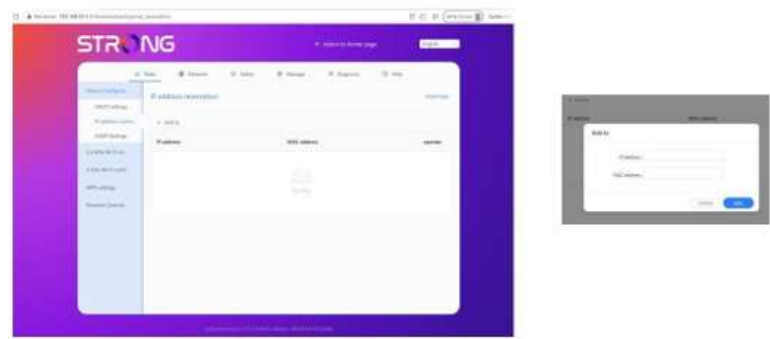


Fig. 13 — Network > 2.4 GHz Wi-Fi settings — Main Wi-Fi and Guest Wi-Fi tabs

Field	Description
Wi-Fi switch	Enable or disable the 2.4 GHz radio.

Wi-Fi name	SSID for this band.
Wi-Fi Broadcasting	Uncheck to hide the SSID.
Verification method	OPEN / WPA2-PSK / WPA/WPA2-PSK / WPA3-PSK / WPA2/WPA3-PSK.
Password	Wi-Fi password (strength indicator).

4.2.5 Wi-Fi Settings — 2.4 GHz Advanced

Network_IGMP setting



Fig. 14 — Network > 2.4 GHz advanced settings

Field	Description
Transmit power	Through wall mode (default) / Standard mode / Energy saving mode.
Channel	Auto (default) or channels 1–7.
Wi-Fi working mode	11b only / 11g only / 11n only / 11b/g / 11g/n / 11b/n / 11b/g/n / 11g/n/ax (default).
Bandwidth	20 MHz / 40 MHz / 20/40 MHz (default).
Maximum connections	Up to 16 (device limit).

4.2.6 Wi-Fi Settings — 5 GHz (Advanced)

WIFI setting_More setting

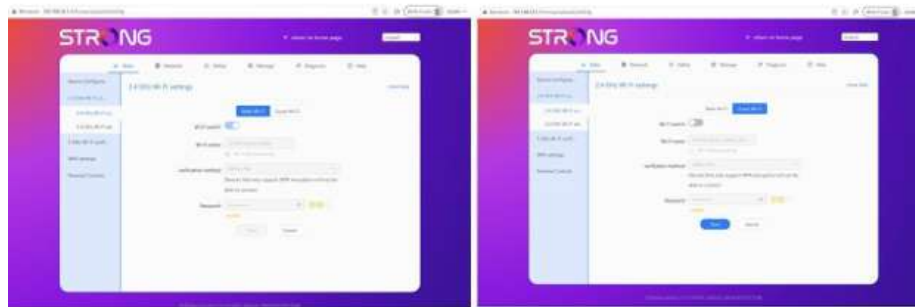


Fig. 15 — Network > 5 GHz Wi-Fi settings — Main Wi-Fi and Guest Wi-Fi

Field	Description
Wi-Fi switch	Enable/disable the 5 GHz radio.
5GHz preferred	Toggle to enable the unified dual-band SSID mode.
Wi-Fi name / Broadcasting / Verification method / Password	Same fields as 2.4 GHz. Security: OPEN / WPA2-PSK / WPA/WPA2-PSK / WPA3-PSK / WPA2/WPA3-PSK.

4.2.7 Wi-Fi Settings — 5 GHz Advanced

WIFI setting_More setting

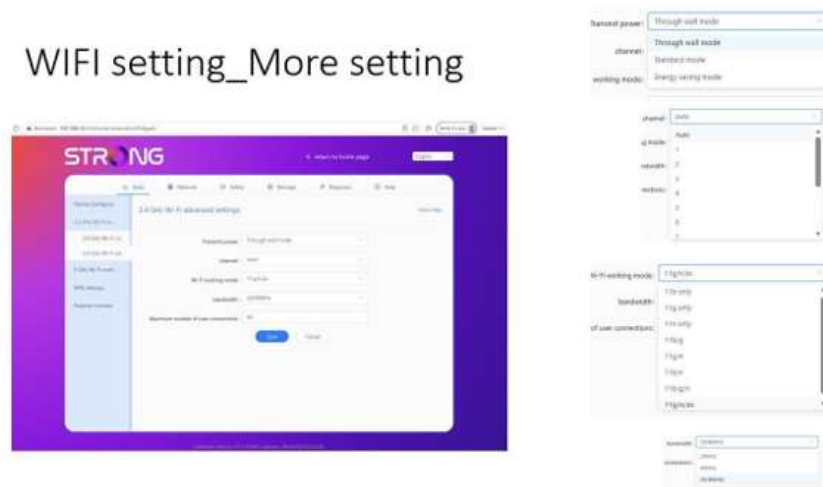


Fig. 16 — Network > 5 GHz advanced settings

Field	Description
Transmit power	Through wall mode / Standard mode / Energy saving mode.
Channel	Auto or 36 / 40 / 44 / 48 / 52(DFS) / 56(DFS) / 60(DFS)...

Wi-Fi working mode	11a only / 11n only / 11ac only / 11a/n / 11n/ac / 11a/ac / 11a/n/ac / 11n/ac/ax (default).
Bandwidth	20 MHz / 40 MHz / 80 MHz / 160 MHz (default).
Maximum connections	Up to 16 (device limit).

4.2.8 WPS Settings

WPS (Wi-Fi Protected Setup) allows pairing a compatible device without entering the Wi-Fi password.

WIFI setting_More setting

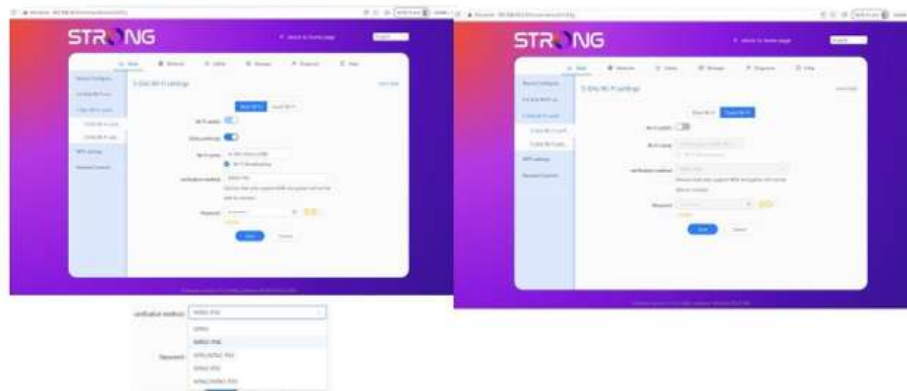


Fig. 17 — Network > WPS Settings — 2.4G WPS / 5G WPS tabs

- Note: 5GHz preferred is enabled by default (unified SSID). To configure WPS for 2.4G specifically, disable 5GHz preferred in Wi-Fi Settings first.
- Select the 2.4G WPS or 5G WPS tab.
- Enable WPS enabled, then click Start configuration.
- Within 2 minutes, press the WPS button on the client device to connect.

4.2.9 Parental Controls — Internet Time Control

Schedule Internet access windows per device.

WIFI setting_More setting

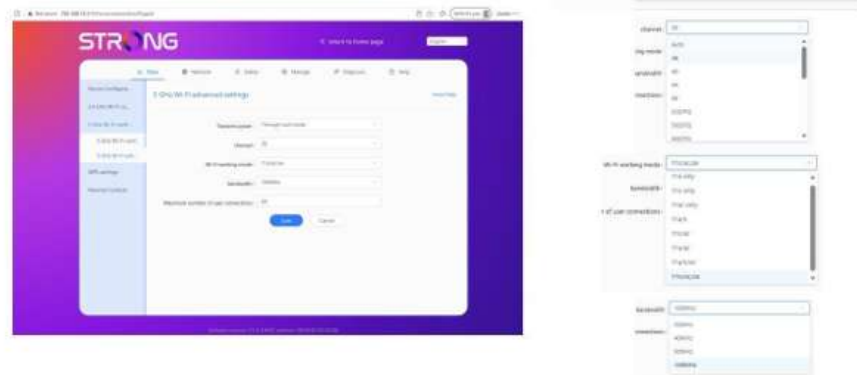


Fig. 18 — Network > Parental Controls — Internet time control

- Click “+ Add to”: set Starting time, End Time, repeat days (Sun–Sat), and select the target device under “Effective for specified device”.
- Click Sure to save.

4.2.10 Parental Controls — Website Filtering

Block or allow specific websites in blacklist or whitelist mode.

WPS

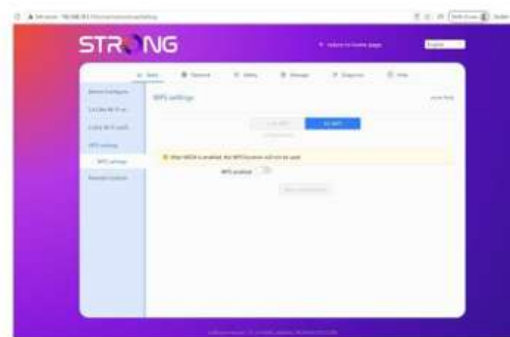


Fig. 19 — Network > Parental Controls — Website filtering

- Select blacklist or whitelist mode.
- Click “+ Add to”: enter a URL, select the effective device, then click Sure.

4.3 Safety

Left sidebar items: Firewall, Filter rules, IP MAC binding, Port Mapping, URL filtering.

4.3.1 Firewall

Network_Parental Controls

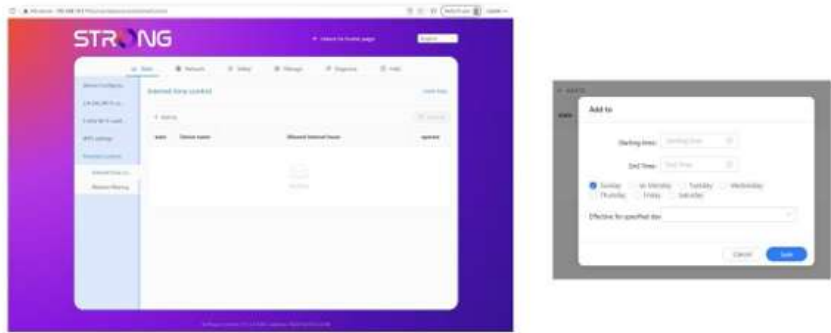


Fig. 20 — Safety > Firewall — attack protection, firewall level, and DMZ

Field	Description
Attack protection settings	Toggle to enable/disable general attack protection.
Firewall level	Low level (default, allows Ping) / intermediate / advanced (blocks Ping). Click Sure to apply.
DMZ switch	Enable to expose a specific LAN device to all inbound traffic from the 5G network.
IP address (DMZ)	LAN IP of the device to expose.

⚠ WARNING — The DMZ host receives all unfiltered inbound traffic from the 5G network. Only enable for devices with their own security (e.g. a game server).

4.3.2 Filter Rules

IP, MAC, and port filtering in blacklist or whitelist mode.

Network_Parental Controls

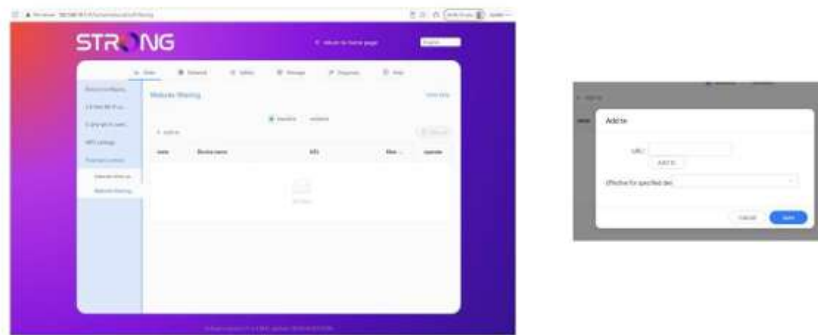


Fig. 21 — Safety > Filter rules — MAC filtering tab and Add rules dialog

Tab	Description
MAC filtering	Add rules by MAC address: IPv4/IPv6, MAC address, Remark.
IP filtering	Add rules by IP address range.
Port filtering	Add rules by port number or range.

4.3.3 IP MAC Binding

Locks a specific IP to a specific MAC address to prevent IP spoofing. Click “+ Add rules”: enter IPv4/IPv6 version, IP address, MAC address, and an optional Remark.

Network_Parental Controls

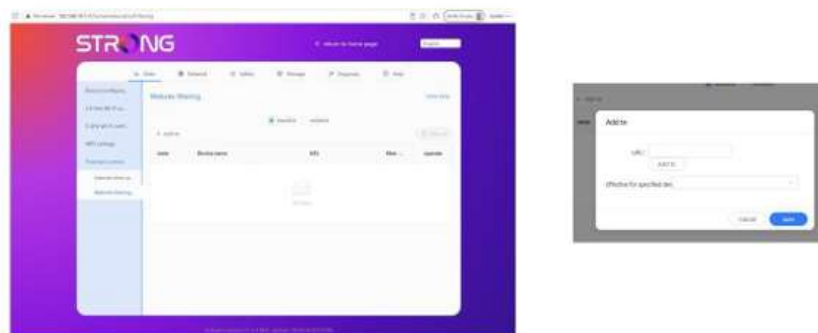


Fig. 22 — Safety > IP MAC binding

4.3.4 Port Mapping

Forwards external port traffic to an internal device (reverse NAT / virtual server).

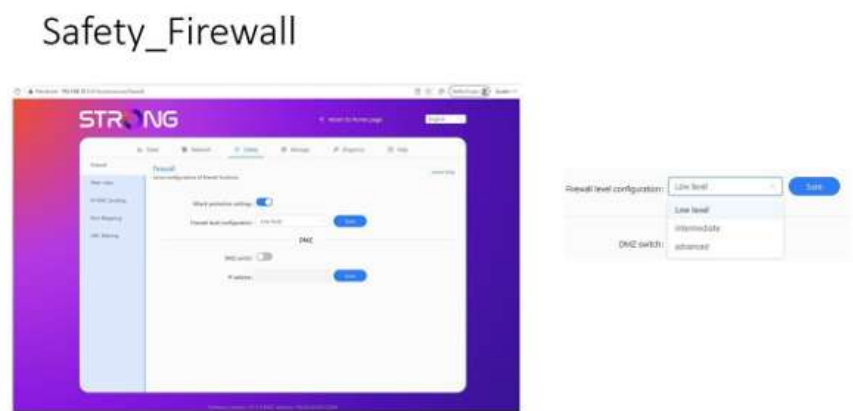


Fig. 23 — Safety > Port Mapping

Field	Description
Protocol	all / tcp / udp.
Starting port	External (5G WAN-side) port number to forward.
Map IP address	LAN IP of the target device. Assign a static IP first via IP address reservation.
Map port	Internal port on the target device.
Remark	Optional description.

 **NOTE** — Port forwarding requires your mobile operator to assign you a public IP address. Many operators use Carrier-Grade NAT (CGNAT) on 5G/4G connections, which prevents port forwarding without an additional service from your operator.

4.3.5 URL Filtering

Blocks or allows access to specific URLs in blacklist or whitelist mode.

Safety_Firewall

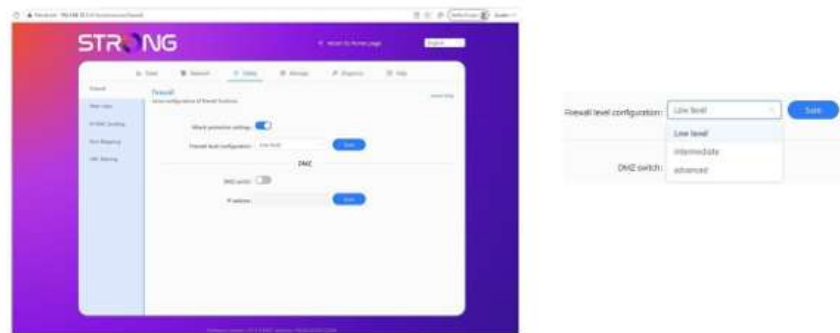


Fig. 24 — Safety > URL filtering

- Select blacklist or whitelist mode.
- Click “+ Add rules”: enter IPv4/IPv6, URL address, optional Remark, then click Sure.

4.4 Manage

Left sidebar items: Web page upgrade, Account modification, Time zone settings, Scheduled tasks (Scheduled restart + Wi-Fi timing), System settings.

4.4.1 Web Page Upgrade (Firmware)

Safety_filter rules

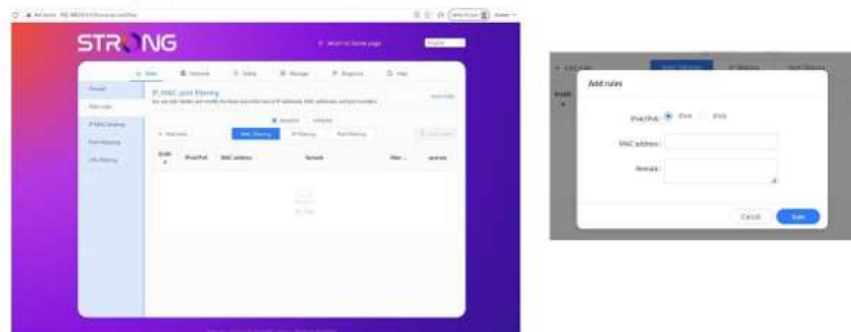


Fig. 25 — Manage > Web page upgrade

Feature	Description
System Auto Upgrade	Enable for automatic update checks on boot and reconnection.
Check for upgrade	Manually check for an available firmware update online.

Web page upgrade (local)	Download the firmware file for 5GMIFIAX1800 from www.strong-eu.com . Drag and drop it into the upload zone and follow the 3-step wizard (Select → Upload → Upgrade).
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⚠ WARNING — Never disconnect the power or remove the battery during a firmware update. This can permanently damage the device.

4.4.2 Account Modification

Changes the Web UI login password: enter Old Password, New Password, and Repeat new password, then click Sure.

Safety_IP MACbinding

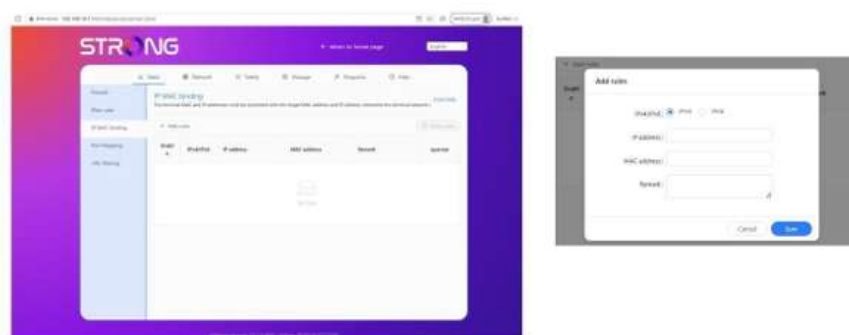


Fig. 26 — Manage > Account modification

4.4.3 Time Zone Settings

Safety_Port Mapping

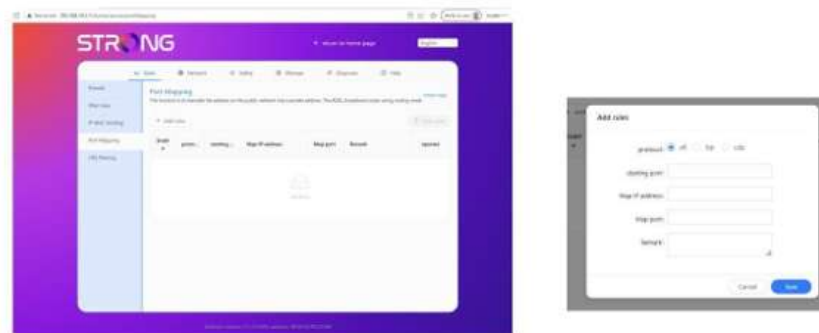


Fig. 27 — Manage > Time zone settings

Field	Description
Current system time	Read-only current device time. Click “Synchronize client time” to sync with the browser.
Time zone	Drop-down list from GMT–12:00 to GMT+14:00.
NTP1 – NTP4	NTP server addresses for automatic time synchronisation.

4.4.4 Scheduled Tasks — Scheduled Restart

Programs an automatic device reboot at a defined time and day(s).

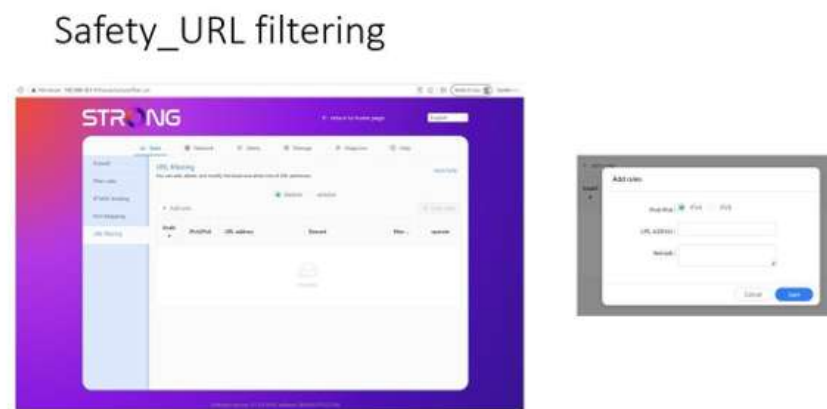


Fig. 28 — Manage > Scheduled restart

- Click “+ Add to”: set the time (HH:MM) and repeat days (Sunday–Saturday). Click Sure to save.

4.4.5 Scheduled Tasks — Wi-Fi Timing

Programs automatic Wi-Fi disable/enable windows (Wi-Fi scheduled shutdown function).

Manage_Web page upgrade

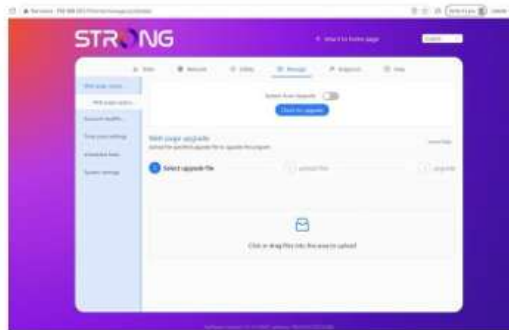


Fig. 29 — Manage > Wi-Fi scheduled shutdown

- Click “+ Add to”: set Starting time (Wi-Fi off), End Time (Wi-Fi back on), and repeat days. Click Sure to save.

4.4.6 System Settings

Manage_Account modification

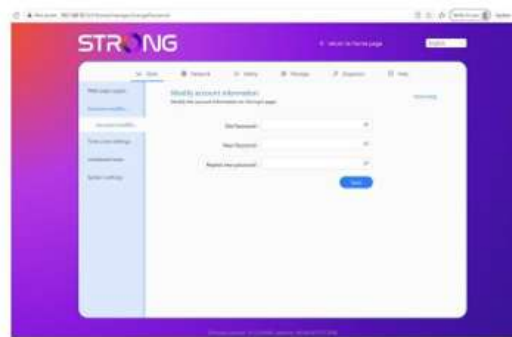


Fig. 30 — Manage > System settings

Setting	Description
Light switch	Toggle to enable or disable the touchscreen backlight without affecting device operation.
Export log	Downloads the current system log file for diagnostic purposes.

4.5 Diagnosis

4.5.1 System Log

Manage_Time zone setting

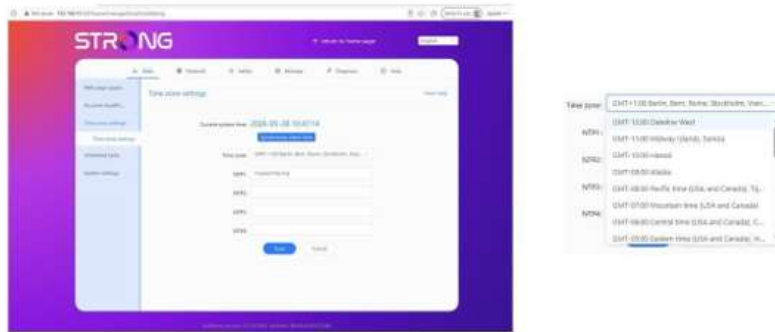


Fig. 31 — Diagnosis > System log

Displays a time-stamped history of system events (logins, password changes, etc.). Click Refresh to update.

4.5.2 Ping

Manage_Scheduled task

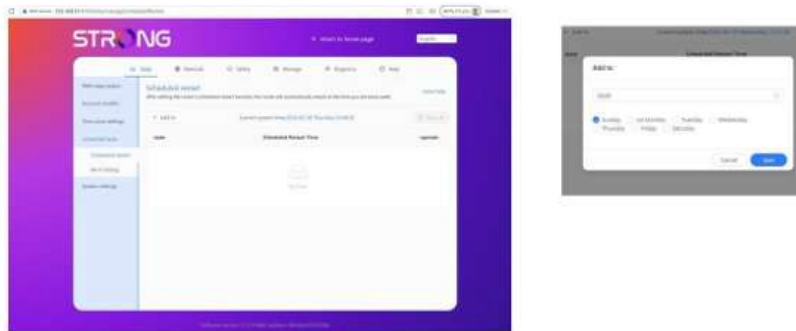


Fig. 32 — Diagnosis > Ping — connectivity test

Field	Description
Cycle	Enable for continuous ping instead of a fixed count.
Number of pings	Number of packets to send (default: 10).
URL or IP address	Target host or IP to ping.
Start	Begins the test; results appear below.

4.5.3 Trace

Manage_Scheduled task

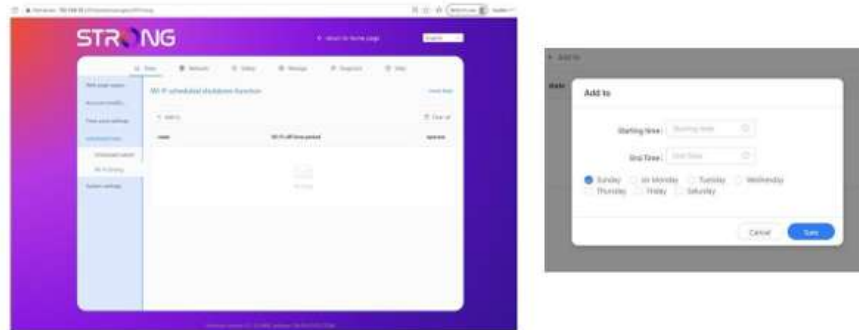


Fig. 33 — Diagnosis > Trace — traceroute test

Field	Description
URL or IP address	Target host to trace.
Service port	Optional: specify a port for the trace.
Start	Begins the traceroute; hop-by-hop results appear below.

4.6 Help

Built-in help documentation covering all major features: broadband settings, Wi-Fi settings, Wi-Fi access control, WPS, DHCP, indicator light, and firewall basic settings.

Manage_System settings



Fig. 34 — More > Help

5. Global actions (top-right buttons)

Button	Action
Restore Factory	Factory reset pop-up — Confirm / Cancel. Resets and restarts (~166 s). All configurations erased.
Restart	Reboot pop-up. Restarts the device without erasing settings.
Logout	Signs out of the Web UI session.
Language selector	Switches the Web UI display language.

Diagnosis_System log



Fig. 35 — Restore Factory — confirmation pop-up

Diagnosis_Ping



Fig. 36 — Restart — confirmation pop-up

IV. SMS Management

The 5GMIFIAX1800 supports SMS directly from the touchscreen:

Folder	Description
Inbox	View received SMS messages.
Drafts	Compose, edit and save draft messages.
Sent	View sent messages.

 **NOTE** — SMS functionality requires an active Nano SIM with SMS capability. Data-only SIM plans may not include SMS service.

V. Common Operations

1. Change the Wi-Fi name and password

- Go to Wi-Fi Settings.
- With 5GHz preferred ON: edit the unified Wi-Fi name and password, then click Sure.
- With 5GHz preferred OFF: edit each band (2.4 GHz and 5 GHz) separately.

2. Block Internet access for a specific device

- Go to Device Management.
- Find the device and toggle Allow access to the Internet to OFF.
- The device stays on the local Wi-Fi network but loses Internet access.

3. Schedule Wi-Fi shutdown

- More > Manage > Scheduled tasks > Wi-Fi timing.
- Click + Add to, set the off and on times and repeat days, then click Sure.

4. Update the firmware

- More > Manage > Web page upgrade.
- Enable System Auto Upgrade for automatic updates, or click Check for upgrade for an immediate check.
- For a local update: drag and drop the firmware file (downloaded from www.strong-eu.com for model 5GMIFIAX1800) and follow the 3-step wizard.

VI. Using as a Power Bank

The USB-C port can be used to charge a smartphone or another USB-C device in an emergency. The device may need to remain powered on to activate this function.

⚠ WARNING — Power bank charging consumes the device's own battery. Actual available charging current depends on the device's remaining battery capacity. Use a standard USB-C cable compatible with the device to charge.

VII. Troubleshooting

Symptom	Probable cause	Solution
Cannot access http://192.168.10.1	Not connected to the 5GMIFIAX1800 Wi-Fi	Ensure your device is connected to the HOPI Wi-Fi network. Try clearing the browser cache.
No 5G/4G signal	SIM not inserted, wrong orientation, or no coverage	Power off the device, re-seat the Nano SIM (refer to QIG), power back on. Check signal bars on touchscreen. Verify your operator has coverage in your location.
Wi-Fi not visible on client devices	Radio disabled	Check Wi-Fi switch in More > Network > 2.4/5 GHz Wi-Fi settings. Ensure Wi-Fi Broadcasting is checked.
Web UI password forgotten	Password lost	Click "forget the password?" on the login page and perform a factory reset. All settings will be erased.
Slow 5G speeds	Weak signal or network congestion	Move to a location with better 5G coverage. Check signal bars on the touchscreen.
Device overheating	Prolonged use or high ambient temperature	Power off for a few minutes. Keep out of direct sunlight.
Firmware update failed	File error or power lost during update	Use the local upgrade method with a file downloaded from www.strong-eu.com (model 5GMIFIAX1800). Never cut power during update.
No Internet on connected devices	5G data plan exhausted or APN incorrect	Check data balance with your operator. Verify the APN settings if required by your operator.
Slow Wi-Fi speed	5GHz preferred disabled	Enable 5GHz preferred in Wi-Fi Settings so clients automatically connect to the faster 5 GHz band.

IPTV / multicast not working	IGMP not enabled	More > Network > IGMP Settings: enable IGMP Snooping and IGMP Proxy, then Save & Apply.
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 **NOTE** — For further assistance, visit www.strong-eu.com or contact your local STRONG support team. Have ready: model 5GMIFIAX1800, SN (visible in More > State), and software version.

VIII. Technical Specifications

5G Connectivity

Specification	Value
Mobile technology	5G NR NSA & SA
Max download speed	5G NSA: 3.4 Gbps / 5G SA: 2.4 Gbps / 4G LTE: 1.6 Gbps
Max upload speed	5G NSA: 550 Mbps / 5G SA: 900 Mbps / 4G LTE: 200 Mbps
3GPP version	Release 16
UE category (DL / UL)	CAT 19 / CAT 18
Supported networks	5G NR NSA/SA / 4G LTE-FDD / 4G LTE-TDD / 3G WCDMA

SIM Card

Feature	Value
SIM format	Nano SIM (not included)
Operator compatibility	Unlocked — compatible with all major operators
International roaming	Enabled by default
5G NR NSA bands	N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N71/N75/N76/N77/N78
5G NR SA bands	N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N71/N75/N76/N77/N78
4G LTE-FDD bands	B1/B3/B5/B7/B8/B20/B28/B32/B71
4G LTE-TDD bands	B38/B40/B41/B42/B43
3G WCDMA	B1/B5/B8
APN management	Via product touchscreen UI

Display

Specification	Value
Screen size	2.4 inches (6.10 cm)
Type	Capacitive LCD colour touchscreen
Functions	Time, 5G signal, battery, Wi-Fi status, device count, data usage, SMS, settings

Wi-Fi

Specification	Value
Wi-Fi standard	Wi-Fi 6 (IEEE 802.11ax) — also compatible with 802.11a/b/g/n/ac
Total Wi-Fi speed (AX1800)	1,800 Mbps
2.4 GHz speed	574 Mbps
5 GHz speed	1,201 Mbps
Technology	Simultaneous dual-band 2.4 GHz + 5 GHz
Max simultaneous connections	16 devices total (8 on 2.4 GHz + 8 on 5 GHz)
Security	Open / WPA2-PSK / WPA/WPA2-PSK / WPA3-PSK / WPA2/WPA3-PSK

Battery & Power

Specification	Value
Battery capacity	4,500 mAh removable Li-ion
Battery life (continuous use)	Over 6 hours
Standby time	Up to 72 hours
Charging	USB-C with PD3.0 fast charge (5V-3A / 9V-2.22A / 12V-1.67A)
Power bank function	Yes — charges other USB-C devices
Battery warranty	2 years (device warranty: 4 years)

Physical

Specification	Value
Dimensions	134.5 × 78 × 22.5 mm
Weight	260 g (with battery)

Operating temperature	0 °C – +45 °C
Storage temperature	–40 °C – +85 °C
Operating humidity	5 % – 95 % (non-condensing)

General

Specification	Value
Product reference	5GMIFIAX1800
Web UI access	http://192.168.10.1
Included data offer	5 GB free in 32+ EU countries — RedTea Mobile (www.strong-eu.com/blog/redtea-mobile)
Certification	CE — for indoor and outdoor use in EU/EFTA member states
Warranty	4 years (battery: 2 years)
Firmware (this manual)	V1.3.4

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Specifications subject to change without notice. Actual 5G speeds depend on operator network, SIM plan and location.