FOSSIBOT F110Pro

FOSSIBOT F110 Pro Rugged Smartphone User Manual

Model: F110Pro

1. PRODUCT OVERVIEW

The FOSSIBOT F110 Pro is a rugged smartphone designed for durability and high performance. It features a powerful processor, a large battery, advanced camera capabilities, and robust protection against environmental elements.

Image: FOSSIBOT F110 Pro Rugged Smartphone, front and back view.

2. PACKAGE CONTENTS

Verify that all items are present in the package before proceeding with setup.

Image: Contents of the FOSSIBOT F110 Pro standard package, including the smartphone, charger, USB cable, screen

- FOSSIBOT F110 Pro Rugged Smartphone x1
- Charger x1
- Micro USB Cable x1
- TP Screen Protector (Pre-applied) x1
- SIM Card Ejector x1
- User Manual x1
- Packaging Box x1

3. SETUP GUIDE

3.1. SIM Card and TF Card Installation

The FOSSIBOT F110 Pro supports either two Nano SIM cards or one Nano SIM card and one TF (MicroSD) card for expanded storage.

1. Locate the SIM card tray on the side of the device.
2. Insert the SIM ejector tool into the small hole next to the tray and press gently until the tray pops out.
3. Place your Nano SIM card(s) and/or TF card into the designated slots on the tray. Ensure the cards are correctly oriented.
4. Carefully reinsert the tray into the phone until it clicks into place.

Image: Diagram showing the installation of Nano SIM cards and a MicroSD card into the FOSSIBOT F110 Pro's tray.

3.2. Initial Charging

Before first use, it is recommended to fully charge the device. Use the provided charger and USB cable.

1. Connect the USB cable to the charging port on the phone.
2. Plug the charger into a power outlet.
3. The charging indicator will appear on the screen. The device supports 18W fast charging.

3.3. Powering On/Off

- **To Power On:** Press and hold the Power button until the FOSSIBOT logo appears.
- **To Power Off:** Press and hold the Power button, then select "Power off" from the options on the screen.

3.4. Initial Device Configuration

Upon first power-on, follow the on-screen prompts to complete the initial setup, including:

- Language selection
- Wi-Fi network connection
- Google account setup
- Fingerprint and Face Recognition setup (optional)

4. OPERATING INSTRUCTIONS

4.1. Display and Navigation

The F110 Pro features a 6.745-inch HD+ display with a resolution of 720x1600 pixels and 480cd/m² peak brightness. It offers scratch resistance, high transparency, anti-fingerprint properties, and responsive touch sensitivity.

Image: Visual representation of the FOSSIBOT F110 Pro's 6.745-inch HD+ display highlighting its resolution, brightness, scratch resistance, transparency, anti-fingerprint, and touch sensitivity features.

4.2. Performance and Operating System

Powered by a 5G Dimensity 6300 Octa-core processor (6nm process technology, 2.4GHz max clock speed), the F110 Pro delivers efficient performance. It runs on Android 15 OS, offering optimized performance, enhanced privacy, improved interaction experience, and system stability.

Image: Diagram illustrating the 5G Dimensity 6300 Processor with details on RAM (20GB: 8GB physical + 12GB virtual), ROM (128GB, expandable to 2TB via TF card), 6nm process, 2.4GHz clock speed, and octa-core architecture.

Image: Visual representation of the Android 15 OS interface on the FOSSIBOT F110 Pro, highlighting performance optimization, privacy & security, interaction experience, and system stability.

4.3. Audio Features

The F110 Pro is equipped with a 128dB loudest speaker, providing powerful and clear audio. This feature is beneficial for:

- **Noisy Environments:** Ensures clear calls and audio in construction sites or workshops.
- **Outdoor Parties:** Provides powerful sound for entertainment.
- **SOS Speaker:** Loud enough to send help signals in emergencies.
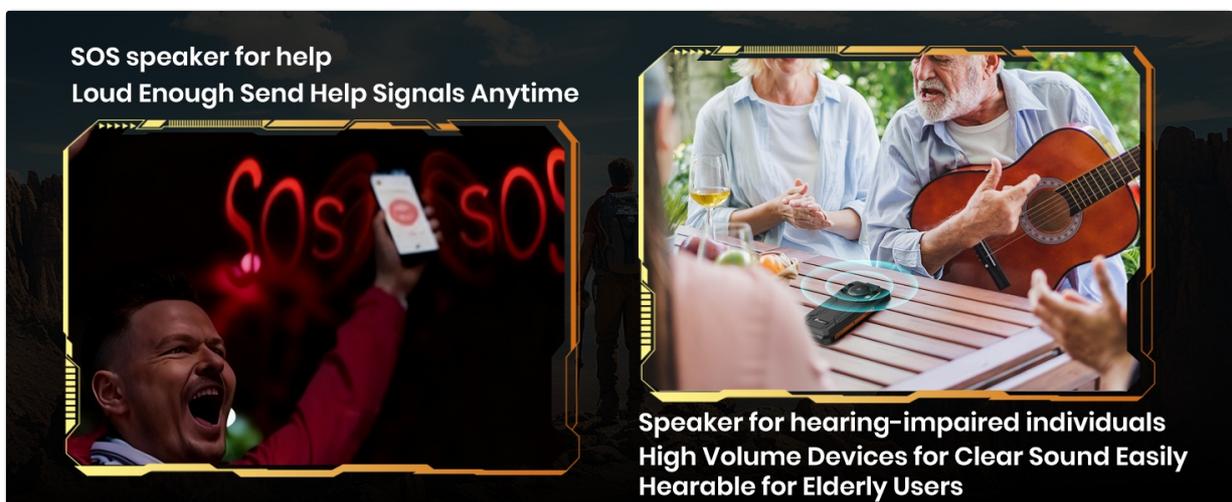- **Hearing-Impaired Users:** High volume for clear sound.

Image: Illustration of the FOSSIBOT F110 Pro's 128dB speaker, emphasizing larger clarity and improved visual experience, with a scene of people watching a movie with powerful sound.

4.4. Camera System

Capture moments with the F110 Pro's versatile camera system:

- **50MP AI Main Camera:** For stunning clarity and detail in various scenarios (Video, Picture, Beauty, Mono, Bokeh, AI Recognition, Underwater Camera, Night Scene, Macro, Scan Code).
- **8MP Front Camera:** For clear selfies and video calls.
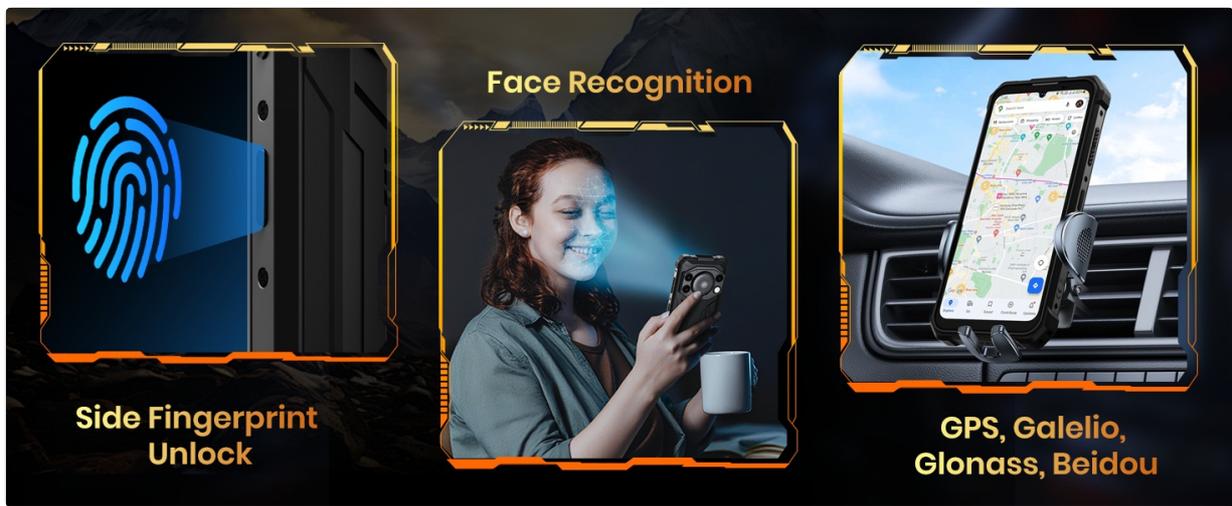- **5MP Macro Camera:** For detailed close-up shots.

Image: Overview of the FOSSIBOT F110 Pro's camera system, detailing the 50MP AI Main Camera, 8MP Front Camera, and 5MP Macro Camera, with example photos.

Underwater Camera Mode

Utilize the dedicated Underwater Camera Mode to capture photos and videos while submerged. Ensure all ports are securely sealed before using the phone in water.

Image: A person using the FOSSIBOT F110 Pro in Underwater Camera Mode to photograph a sea turtle.

4.5. Battery and Charging

The F110 Pro is equipped with a 10000mAh long-lasting battery, providing extended usage times. It supports 18W fast charging and OTG (On-The-Go) reverse charging, allowing you to use your phone as a power bank for other devices.

- **Usage Estimates:** Up to 150H Music, 18H Video, 70H Calling, 135H Standby, 135H Gaming, 21H Flashlight, 16H GPS.
- **Charging Time:** Approximately 3 hours to reach 80%, and 4 hours 15 minutes to reach 100%.

Image: Visual of the FOSSIBOT F110 Pro's 10000mAh battery capacity, showing 18W fast charging and OTG reverse charging capabilities, along with charging time estimates.

Image: Illustration of the FOSSIBOT F110 Pro functioning as an OTG power bank, charging various devices like Bluetooth earphones, tablets, USB mini fans, smartwatches, portable speakers, and action cameras.

4.6. Connectivity and Navigation

The F110 Pro supports 5G connectivity and a wide range of global network bands (GSM, 3G, 4G, 5G NR). It also includes Full-Scenario NFC for contactless payments and data transfer, and precise navigation with GPS, Galileo, Glonass, and Beidou.

Image: Diagram showing the FOSSIBOT F110 Pro's support for various global network bands (GSM, 3G, 4G, 5G NR) and its Full-Scenario NFC capability for mobile payments.

4.7. Security Features

The device offers multiple security options for unlocking and protecting your data:

- **Side Fingerprint Unlock:** A fingerprint sensor integrated into the side button for quick and secure access.
- **Face Recognition:** Unlock your phone using facial scanning technology.

Image: Close-up of the FOSSIBOT F110 Pro's side-mounted fingerprint sensor.

Image: A person using face recognition to unlock the FOSSIBOT F110 Pro.

4.8. Software Toolbox and Custom Button

The F110 Pro includes a software toolbox with various utility apps and a customizable button for quick access to frequently used functions.

- **Software Toolbox:** Compass, SoundMeter, Pic Hanging, StepCount, Gradlenter, HeightMeasure, Magnifier, Flashlight, Warning, Plumb Bob, Protractor.
- **Custom Button:** A programmable button that can be set for single press, double press, or long press to launch specific apps or functions, enhancing usability and efficiency.

Image: Display of the FOSSIBOT F110 Pro's software toolbox applications and an explanation of the customizable button for quick access to functions like flashlight, camera, or SOS.

5. MAINTENANCE AND DURABILITY

The FOSSIBOT F110 Pro is built to withstand harsh environments, featuring IP68/IP69K waterproof and dustproof ratings, and MIL-STD-810H drop resistance.

Image: Visual representation of the FOSSIBOT F110 Pro's ruggedness, highlighting IP68 (1.5m depth, 30 minutes immersion), IP69K (high-temperature, high-pressure wash resistant), and MIL-STD-810H (1.5 meter drop resistance) certifications.

5.1. Water and Dust Resistance (IP68 & IP69K)

- **IP68:** The device is protected against dust ingress and can withstand immersion in water up to 1.5 meters for 30 minutes.
- **IP69K:** Provides protection against close-range high-pressure, high-temperature spray downs.
- **Important:** Ensure all port covers are securely closed before exposing the device to water or dust. Do not intentionally submerge the device in corrosive liquids or saltwater.

5.2. Drop Resistance (MIL-STD-810H)

The F110 Pro meets MIL-STD-810H standards for drop resistance, capable of withstanding drops from up to 1.5 meters onto hard surfaces.

5.3. Cleaning and Care

- To clean the device, wipe it with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.
- If the device has been exposed to water, ensure it is completely dry before charging or opening any ports.
- Avoid extreme temperatures and direct sunlight for prolonged periods to maintain battery health.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your FOSSIBOT F110 Pro.

Problem	Possible Solution
Device does not power on	Ensure the battery is charged. Connect the charger and wait a few minutes before attempting to power on again.

Problem	Possible Solution
Slow performance or freezing	Close unnecessary background applications. Restart the device. Clear cache from apps or perform a factory reset if the issue persists (back up data first).
Fingerprint sensor not working reliably	Ensure your finger and the sensor are clean and dry. Re-register your fingerprints in the settings. Try using face recognition or pattern/PIN unlock.
No network signal	Check if the SIM card is correctly inserted. Ensure mobile data is enabled in settings. Try restarting the device. Contact your carrier to verify service.
Battery drains quickly	Reduce screen brightness. Close power-intensive apps. Disable unused features like Wi-Fi, Bluetooth, GPS. Check battery usage in settings to identify problematic apps.
Speaker audio is distorted or too low	Ensure the speaker grille is not obstructed or dirty. Adjust volume settings. Restart the device.

If issues persist, please contact FOSSIBOT customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	F110Pro
Processor	5G Dimensity 6300 Octa-core (6nm, 2.4GHz Max Clock Speed)
Operating System	Android 15
RAM	20 GB (8GB Physical + 12GB Virtual)
Internal Storage (ROM)	128 GB
Expandable Storage	Up to 2 TB via TF Card
Display	6.745 Inches HD+ (720x1600), 480cd/m² Peak Brightness
Rear Camera	50 MP AI Main Camera, 5 MP Macro Camera
Front Camera	8 MP
Battery Capacity	10000 mAh
Charging	18W Fast Charging, OTG Reverse Charging
Durability Ratings	IP68, IP69K Waterproof & Dustproof, MIL-STD-810H Drop Resistance
Speaker	128dB Loud Speaker
Connectivity	5G, NFC, Dual SIM
Navigation	GPS, Galileo, Glonass, Beidou
Security	Side Fingerprint Unlock, Face Recognition

Feature	Detail
Item Weight	1.43 pounds (approx. 648 grams)
Package Dimensions	5.91 x 2.95 x 1.18 inches
Wireless Carrier	T-Mobile (compatible)

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included in your product package or visit the official FOSSIBOT website. You can also contact FOSSIBOT customer service through their official channels for technical assistance or inquiries.

Visit the FOSSIBOT Store for more products and information.