FOSSIBOT F106 PRO

FOSSIBOT F106PRO Rugged Phone User Manual

Model: F106 PRO

Introduction Package Contents Device Overview Setup Operating Instructions Durability Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

This manual provides essential instructions for the safe and efficient use of your FOSSIBOT F106PRO Rugged Phone. Please read this manual thoroughly before operating the device to ensure proper functionality and to prevent damage. The FOSSIBOT F106PRO is designed for durability and extended use, featuring a large battery, robust construction, and advanced mobile capabilities.

2. Package Contents

Verify that all items are present in your product packaging:

- 1x F106 PRO Smartphone
- Charging Cable (Type-C)
- Power Adapter (30W)
- SIM Ejector Tool
- User Manual (this document)

3. Device Overview

Familiarize yourself with the physical components of your FOSSIBOT F106PRO.



Figure 3.1: Front and Rear View of the FOSSIBOT F106PRO. This image displays the phone's robust design, including the rear camera module, FOSSIBOT branding, and the front display.

3.1. Physical Components

- **Front Display:** 6.58-inch FHD+ IPS screen.
- **Front Camera:** Located at the top of the display.
- **Rear Camera Module:** Includes 48MP main camera, 20MP night vision camera, and LED flash.
- **Camp Light:** High-luminosity 512 lumen light on the rear.
- **Power Button:** Typically on the right side.
- **Volume Buttons:** Typically on the right or left side.
- **USB Type-C Port:** For charging and data transfer, usually at the bottom.

- **SIM Card Slot:** For inserting SIM and microSD cards.
- **Speaker:** 110dB large speaker for audio output.

4. Setup

4.1. SIM Card and MicroSD Card Installation

1. Locate the SIM card slot on the side of the phone.
2. Insert the SIM ejector tool into the small hole next to the SIM tray and push gently until the tray pops out.
3. Place your Nano-SIM card(s) and/or microSD card into the designated slots on the tray. Ensure the gold contacts face downwards and the cards are correctly oriented.
4. Carefully reinsert the tray into the phone until it is flush with the device body.

4.2. Initial Charging

Before first use, it is recommended to fully charge the device.

1. Connect the USB Type-C cable to the phone's charging port.
2. Connect the other end of the cable to the provided 30W power adapter.
3. Plug the power adapter into a wall outlet.
4. The phone will indicate charging status on the screen. Allow the device to charge completely.



Figure 4.1: FOSSIBOT F106PRO Battery and Charging. This image highlights the 12000mAh battery capacity, OTG functionality, and Type-C charging port, along with estimated usage times.

4.3. Powering On/Off

- **To Power On:** Press and hold the Power button until the FOSSIBOT logo appears on the screen.
- **To Power Off:** Press and hold the Power button until the power options menu appears. Select "Power off".
- **To Restart:** Press and hold the Power button until the power options menu appears. Select "Restart".

5. Operating Instructions

5.1. Basic Navigation and Android 14

Your FOSSIBOT F106PRO runs on Android 14, offering an intuitive user experience. Navigate using touch gestures: swipe, tap, pinch, and spread. Customize your home screen, access notifications by swiping down from the top, and manage recent apps.



Figure 5.1: Android 14 Interface. This image illustrates the Android 14 operating system with various application icons, demonstrating the phone's software environment.

5.2. Battery Management

The 12000mAh battery provides extended usage. To optimize battery life:

- Adjust screen brightness.
- Close unused applications.
- Disable Wi-Fi, Bluetooth, and GPS when not in use.
- Utilize battery saver modes available in Android settings.

The phone supports 30W fast charging for quick replenishment. OTG (On-The-Go) functionality allows the phone to act as a power bank for other devices or connect external USB accessories.

5.3. Display and Audio

The 6.58-inch FHD+ IPS display (2408*1080 resolution) offers clear visuals. The integrated 110dB large speaker provides

powerful audio output for calls, media, and notifications.



Figure 5.2: FOSSIBOT F106PRO Display. This image showcases the 6.58-inch FHD+ IPS display with its resolution, aspect ratio, and pixel density.

5.4. Camera Functions

The F106PRO features a versatile camera system:

- **48MP Main Camera:** For high-resolution photos in various conditions.
- **16MP Front Camera:** For selfies and video calls.
- **20MP Night Vision Camera:** Captures clear images in low-light or complete darkness.
- **512 Lumen Camp Light:** A powerful rear-mounted light for illumination in outdoor or dark environments. Activate it via the dedicated button or camera app.



Figure 5.3: Camera System and Camp Light. This image details the 20MP main camera, flash LED, and 8MP front camera, illustrating their use in different scenarios.

5.5. Storage and Performance

The device is equipped with 15GB RAM (8GB physical + 7GB virtual) and 256GB internal storage, expandable up to 512GB via microSD card. This configuration supports smooth multitasking and ample space for applications, photos, and videos.



Figure 5.4: RAM and ROM Configuration. This image illustrates the 12GB RAM (4+8GB) and 2TB extensible storage, powered by an Octa-Core processor and 12nm chip.

5.6. Connectivity

- **4G Dual SIM:** Supports two SIM cards for flexible network usage. (Note: Compatibility with AT&T, Cricket, and Verizon networks is not supported. Please verify carrier compatibility before use.)
- **Wi-Fi:** Connect to wireless networks for internet access.
- **Bluetooth:** Pair with wireless headphones, speakers, and other Bluetooth-enabled devices.
- **NFC:** For contactless payments and quick pairing with compatible devices.

6. Durability Features

The FOSSIBOT F106PRO is engineered to withstand harsh environments, certified with:

- **IP68:** Dust and water resistant, capable of immersion in water up to 1.5 meters for 30 minutes.

- **IP69K:** Resistant to high-pressure, high-temperature water jets.
- **MIL-STD-810H:** Military-grade standard for resistance against drops, shocks, extreme temperatures, and other environmental stressors.

These ratings ensure the phone's functionality in challenging conditions, making it suitable for outdoor activities and demanding work environments.



Figure 6.1: Ruggedness Certifications. This image visually represents the IP68 waterproof, IP69K dustproof, and MIL-STD-810H drop-proof capabilities of the FOSSIBOT F106PRO.

7. Maintenance

7.1. Cleaning

- Use a soft, lint-free cloth to clean the screen and body.
- For stubborn dirt, slightly dampen the cloth with water. Avoid harsh chemicals or abrasive materials.

- Ensure all ports are dry before charging or connecting accessories, especially after exposure to water.

7.2. Battery Care

- Avoid exposing the phone to extreme temperatures (very hot or very cold) for prolonged periods.
- Do not fully discharge the battery regularly. Charge it before it drops below 20%.
- Use only the provided charger and cable to prevent damage to the battery and device.

8. Troubleshooting

If you encounter issues with your FOSSIBOT F106PRO, try the following solutions:

- **Device not powering on:** Ensure the battery is charged. Connect to the charger for at least 15 minutes before attempting to power on.
- **Apps freezing or crashing:** Close background applications. Restart the phone. Clear app cache in settings.
- **Poor network signal:** Check SIM card installation. Move to an area with better coverage. Ensure your carrier is supported.
- **Charging issues:** Verify the charging cable and adapter are securely connected and undamaged. Try a different power outlet.
- **Speaker issues:** Check volume settings. Ensure no debris is blocking the speaker grille.

For persistent issues, refer to the **Warranty and Support** section for contact information.

9. Specifications

Feature	Detail
Model Name	F106 PRO
Brand	FOSSIBOT
Operating System	Android 14
Screen Size	6.58 Inches (FHD+ IPS, 2408*1080 resolution)
RAM Memory	15 GB (8GB physical + 7GB virtual)
Storage Capacity	256 GB (Expandable up to 512GB via microSD)
Battery Capacity	12000 mAh
Fast Charging	30W
Main Camera	48 MP
Front Camera	16 MP
Night Vision Camera	20 MP
Camp Light	512 Lumens
Durability Ratings	IP68, IP69K, MIL-STD-810H
Connectivity	4G Dual SIM, Wi-Fi, Bluetooth, NFC

Item Weight	12.7 ounces (360 Grams)
Dimensions	8.27 x 7.09 x 2.24 inches (Package)
Color	Grey

10. Warranty and Support

FOSSIBOT provides comprehensive customer support for your F106PRO Rugged Phone:

- **Return Policy:** 30 days no-reason return.
- **Technical Support:** Long-term technical assistance.
- **Customer Service:** 24 hours online customer service.

If you encounter any problems or require assistance, please contact FOSSIBOT customer service. They aim to respond within 24 hours and provide solutions.

For further information or to contact support, please visit the official FOSSIBOT website or refer to the contact details provided with your purchase documentation.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question