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› FOSSIBOT F106 Pro Rugged Smartphone User Manual

FOSSIBOT F106 Pro

FOSSIBOT F106 Pro Rugged Smartphone User Manual

Model: F106 Pro | Brand: FOSSIBOT

1. INTRODUCTION

Welcome to the FOSSIBOT F106 Pro Rugged Smartphone user manual. This comprehensive guide provides essential information for setting up, operating, maintaining, and troubleshooting your device. Please read this manual carefully to ensure optimal performance and longevity of your F106 Pro.



Figure 1.1: FOSSIBOT F106 Pro Rugged Smartphone

2. KEY FEATURES

The FOSSIBOT F106 Pro is engineered for durability and high performance, offering a range of features designed for demanding environments and extensive use:

- **15GB RAM (8GB+7GB Virtual) + 256GB ROM:** Experience excellent performance and seamless multitasking with the MediaTek Helio G85 chipset. Coupled with 15GB of RAM (8GB physical and 7GB virtual) and a spacious 256GB of internal storage, the FOSSiBOT F106 Pro rugged phone handles demanding apps, games, and files with ease. Enjoy smooth, lag-free operation for all your needs with this powerful device.
- **Massive 12000mAh Battery with 30W Fast Charging:** Stay powered up all day and beyond with the FOSSiBOT F106 Pro rugged smartphone. Featuring a colossal 12000mAh battery, this phone ensures

extended usage without frequent recharges. With 30W fast charging, you'll quickly get back to full power, perfect for adventurers, travelers, and heavy users. Say goodbye to battery anxiety and hello to uninterrupted connectivity with the FOSSiBOT F106 Pro rugged cell phone.

- **Stunning 6.58" FHD+ Display:** Immerse yourself in vibrant visuals on the 6.58-inch FHD+ display. Whether you're streaming videos, playing games, or browsing the web, the high-resolution screen delivers sharp, clear images and rich colors. The large display ensures an enjoyable viewing experience for all your entertainment and productivity needs with the FOSSiBOT F106 Pro rugged smartphone.
- **Professional-Grade Camera System:** Capture stunning photos and videos with the advanced camera setup. The 48MP main camera ensures high-resolution images, while the 20MP night vision camera allows for clear shots in low light. The 16MP front camera is perfect for selfies and video calls. Document your experiences in any lighting condition with professional quality using the FOSSiBOT F106 Pro rugged phone.
- **Durable IP68/IP69K Waterproof, Dustproof, and Drop-proof:** Built to withstand the toughest environments, the FOSSiBOT F106 Pro rugged cell phone is IP68/IP69K certified. This means it's fully waterproof, dustproof, and drop-proof, making it the perfect companion for outdoor adventures, job sites, and extreme conditions. Trust in the durability and resilience of this rugged smartphone to keep up with your active lifestyle.
- **110dB Loud Speaker and 512 Lumens Camping Light:** Never miss a call or alert with the powerful 110dB loudspeaker. Perfect for noisy environments or outdoor settings, this feature ensures you always stay connected. Additionally, the 512 lumens camping light on the back of the FOSSiBOT F106 Pro rugged smartphone is ideal for camping, hiking, or emergency situations, providing bright illumination whenever you need it.
- **4G Dual SIM & Global Bands:** The FOSSiBOT F106 Pro unlocked phone supports dual SIM and dual standby for 4G LTE networks, as well as 5G Wi-Fi for seamless, clear wireless connectivity. It supports various frequency bands for global compatibility.

3. SETUP

3.1 Package Contents

The FOSSiBOT F106 Pro package includes the following items:

- F106 Pro Smartphone
- Type-C USB Cable
- 30W Charger
- User Manual / Warranty Card

48MP AI Camera, Exceptional Resolution

Taking 48MP AI camera with F1.79 large aperture, together with the advanced optimization algorithm, you can take stunning good pictures with delicate details.



Figure 3.1: FOSSIBOT F106 Pro Package Contents

3.2 Inserting SIM Cards and Powering On

To begin using your F106 Pro, follow these steps:

1. Locate the SIM card tray on the side of the device.
2. Use the provided SIM ejector tool to open the tray.
3. Insert your 4G Dual SIM cards into the designated slots. Ensure the cards are correctly oriented.
4. Close the tray securely.
5. To power on, press and hold the power button until the FOSSIBOT logo appears on the screen.

4. OPERATING YOUR DEVICE

4.1 Display and Navigation

The F106 Pro features a vibrant 6.58" FHD+ display. Navigate the Android 14 interface by swiping, tapping, and using gestures. The display offers sharp, clear images and rich colors for an optimal viewing experience.



6.58" FHD+ Large & Tough Display

			
1080*2408 Resolution	401 PPI Pixel Density	20:9 Aspect Ratio	480 nit Brightness

Figure 4.1: 6.58" FHD+ Display

Figure 4.2: Android 14 Interface

4.2 Camera Functions

The phone is equipped with a versatile camera system to capture your moments:

- **48MP Main Camera:** For high-resolution images with excellent detail.
- **20MP Night Vision Camera:** Allows for clear photos and videos in low-light or complete darkness.
- **16MP Front Camera:** Perfect for high-quality selfies and video calls.

Access the camera app from the home screen or app drawer. Tap on the screen to focus, and pinch to zoom in or out. Explore various modes for optimal photo and video capture.



Figure 4.3: Camera System Overview

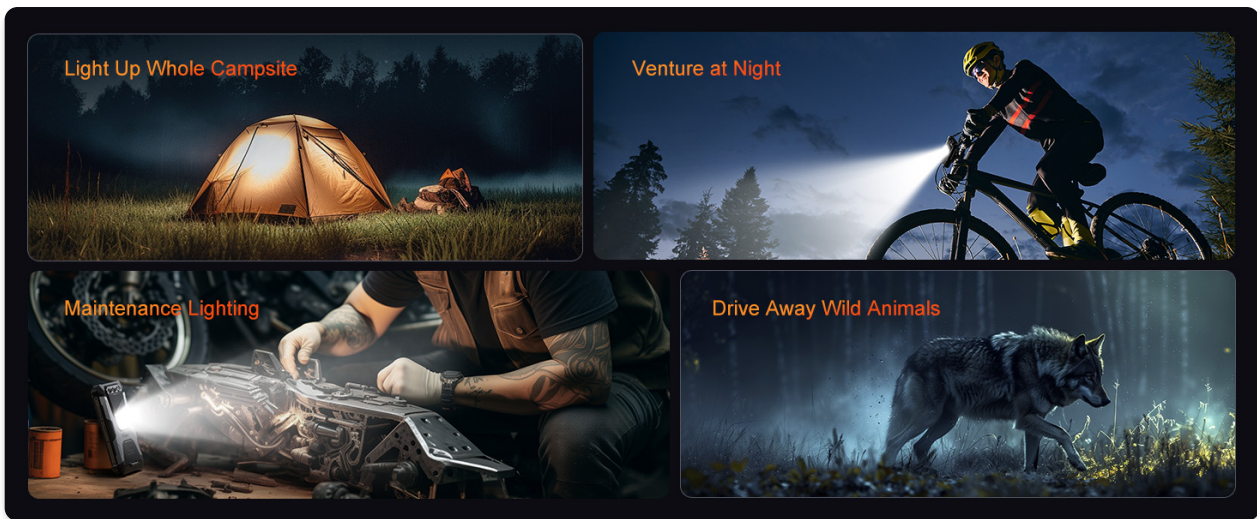


Figure 4.4: 48MP AI Camera

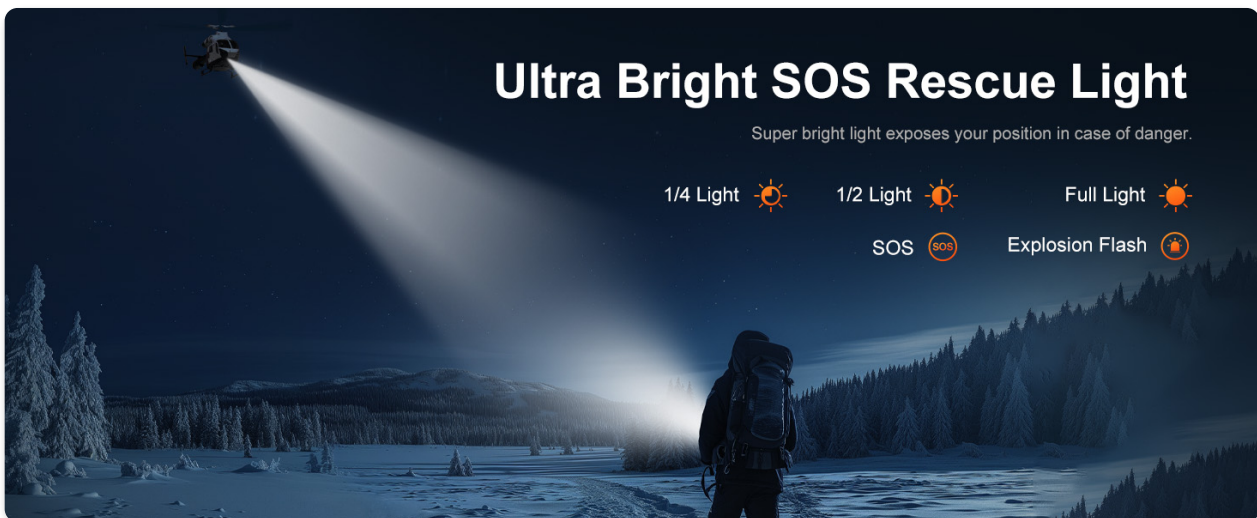


Figure 4.5: 20MP Night Vision Camera

4.3 Loud Speaker and Camp Light

The F106 Pro features a powerful 110dB loudspeaker, ensuring you can hear calls and media even in noisy environments. Additionally, the integrated 512 lumens camping light provides bright illumination for outdoor activities or emergencies.

To activate the camp light, long-press the dedicated button on the side of the phone. The light offers various modes, including SOS, for different situations.

Video 4.1: Demonstration of FOSSIBOT F106 Pro's 110dB speaker and 512 lumens camp light. This video showcases the phone's audio output and the brightness of its integrated light, highlighting its utility in various settings.

Up to **110dB** Loud Speaker



512 Lumens Camping Light



Figure 4.6: Loud Speaker and Camp Light Features

30W Fast Charge
Rapid Charge, Power Up Swiftly

30W fast charge, power up your F106 PRO swiftly for uninterrupted adventures!

5V/1.5A Fast Reverse Charge



Figure 4.7: Camp Light in Use

5. MAINTENANCE

5.1 Durability and Protection

The FOSSIBOT F106 Pro is built to withstand harsh conditions, certified with IP68 and IP69K ratings for water, dust, and drop resistance. This makes it an ideal companion for outdoor adventures and demanding work environments.

While highly durable, it is important to ensure all port covers (USB-C, SIM tray) are securely closed before exposing the device to water or dusty environments to maintain its protective integrity.



Figure 5.1: IP68/IP69K Durability

5.2 Cleaning

To clean your F106 Pro, use a soft, slightly damp cloth. Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can damage the device's finish and protective coatings.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

Issue	Possible Solution
Device not powering on	Ensure the battery is charged. Connect to the 30W fast charger and allow it to charge for at least 15 minutes before attempting to power on again.
Poor signal or no network connection	Check SIM card insertion to ensure it is correctly seated. Verify that you are within network coverage. Restart the device.
Speaker issues (low volume, no sound)	Verify volume settings. Ensure the speaker is not obstructed by debris or water. Restart the device.
Battery draining quickly	Close background applications. Reduce screen brightness. Disable unnecessary features like Wi-Fi, Bluetooth, or GPS when not in use.
Apps crashing or freezing	Clear the cache of the problematic app. Update the app to its latest version. If the issue persists, uninstall and reinstall the app.

7. SPECIFICATIONS

Detailed technical specifications for the FOSSIBOT F106 Pro:

Feature	Specification
Brand	FOSSIBOT
Model Number	F106 Pro
Operating System	Android 14
RAM Memory Installed Size	15 GB (8GB+7GB Virtual)
Memory Storage Capacity	255.97 GB
CPU Model	MediaTek Kompanio 800T
Screen Size	6.58 Inches
Resolution	1920 x 1080 (FHD+)
Battery Capacity	12000 Milliamp Hours
Phone Talk Time	41 Hours
Wireless Carrier	Unlocked for All Carriers (Note: ATT and CRICKET are not supported)
Cellular Technology	4G
Connectivity Technologies	NFC, Cellular

Feature	Specification
Special Features	Rugged Body, Supports USB OTG, Fast Charging Support, Stereo Speakers, Expandable Memory
Item Weight	1.83 pounds
Package Dimensions	9.69 x 8.5 x 2.44 inches
Date First Available	May 9, 2024

8. WARRANTY AND SUPPORT

The FOSSIBOT F106 Pro Rugged Smartphone comes with a **2-year warranty**, ensuring peace of mind regarding your purchase.

For any questions, technical assistance, or warranty claims, please refer to the contact information provided in your product's warranty card or visit the official FOSSIBOT website for 24/7 customer support.