FOSSIBOT F109S

FOSSIBOT F109S Rugged Smartphone User Manual

Model: F109S

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your FOSSIBOT F109S Rugged Smartphone. Please read this manual thoroughly before using your device to ensure proper functionality and to understand its features and capabilities. The FOSSIBOT F109S is designed for durability and performance, featuring a robust build, a large battery, and advanced camera systems.

2. WHAT'S IN THE BOX

Upon unpacking your FOSSIBOT F109S, please verify that all the following items are included:

- FOSSIBOT F109S Rugged Smartphone
- USB Cable

3. PRODUCT OVERVIEW

The FOSSIBOT F109S is engineered for demanding environments, combining a rugged design with high-performance features. Key components include a 6.745-inch HD+ main display, a 1.32-inch circular rear display, a 50MP AI main camera, and a substantial 10600mAh battery.

Innovative Rear Display

- Rapid Access to Time/notification
- Lower Power Consumption
- Take selfies with 50MP cam

50MP AI Main Camera
5MP Macro Cam+16MP Front Cam

Helio G81
Octa-core Processor

Helio G81

6GB RAM+256GB ROM
Up to 24GB RAM

RAM 6GB +18GB Extended

ROM 256GB

10600mAh Battery
18W Rapid Charging

Android ™ 15 OS

15

NFC Support

NFC

6.745" HD+ Display
Colorful & Vivid Colors

IP68/IP69K & MIL-STD-810H
- Waterproof
- Dustproof
- Drop-proof

Figure 3.1: Overview of the FOSSIBOT F109S Rugged Smartphone, showcasing its innovative rear display, camera system, processor, memory, battery, operating system, and rugged certifications.

3.1. Innovative Rear Display

The F109S features a 1.32-inch circular rear display. This secondary screen provides quick access to essential information and functions without needing to activate the main screen. It can display time, notifications, battery status, and can be customized with various dial designs. It also allows for taking selfies using the high-resolution rear camera.

Figure 3.2: The 1.32-inch rear display showing notifications, battery status, and options for customized dial designs.

3.2. Camera System

The device is equipped with a versatile camera setup:

- **50MP AI Main Camera:** For high-resolution photography.
- **16MP Front Camera:** For selfies and video calls.
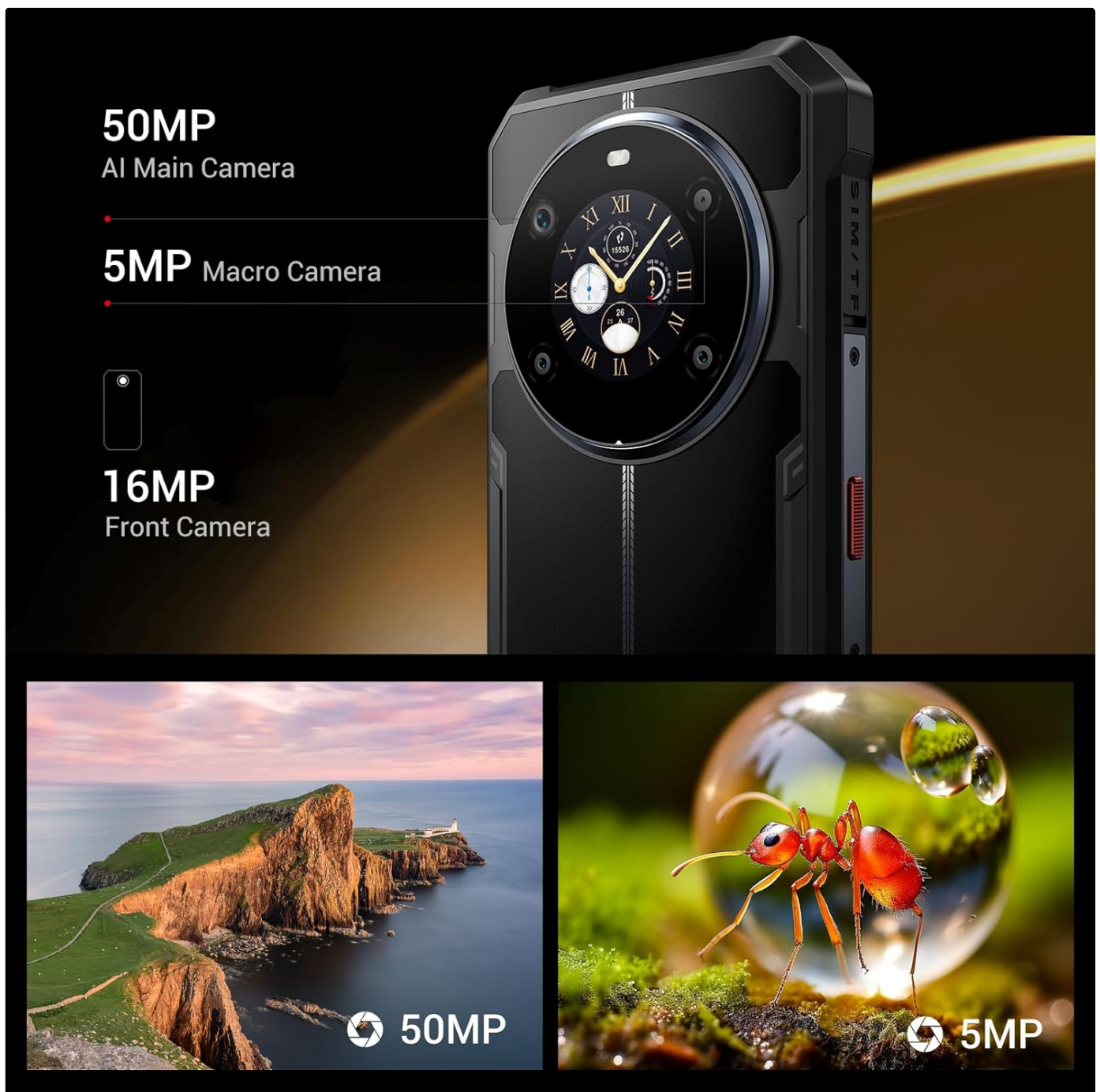- **5MP Macro Camera:** For detailed close-up shots.

Figure 3.3: Details of the 50MP AI Main Camera, 5MP Macro Camera, and 16MP Front Camera, along with sample images demonstrating their capabilities.

3.3. Rugged Design

The F109S is built to withstand harsh conditions, adhering to IP68/IP69K and MIL-STD-810H standards. This ensures resistance against water, dust, and drops, making it suitable for outdoor and demanding professional use.

Figure 3.4: The FOSSIBOT F109S showcasing its military-grade design, including 1.5m drop resistance, 1.5m underwater submersion for 30 minutes, and 360° all-round dust protection.

4. SETUP

4.1. SIM Card and Storage Installation

The FOSSIBOT F109S supports dual SIM cards or one SIM card with expandable storage (up to 2TB via TF card). Locate the SIM card tray on the side of the device. Use the provided SIM ejector tool to open the tray. Insert your Nano-SIM card(s) and/or TF card into the designated slots, ensuring correct orientation. Close the tray securely.

4.2. Initial Power On and Configuration

1. Press and hold the Power button until the FOSSIBOT logo appears.
2. Follow the on-screen prompts to select your language, connect to a Wi-Fi network, and set up your Google account.
3. Configure security features such as facial recognition and fingerprint unlock for enhanced device protection.

5. OPERATING INSTRUCTIONS

5.1. Main Screen Navigation

Navigate the Android 15 operating system using standard touch gestures. Swipe up from the bottom for the app drawer, swipe down from the top for notifications and quick settings, and use the navigation buttons or gestures as configured.

5.2. Rear Display Usage

The 1.32-inch rear display can be activated for quick glances at time, date, and notifications. It also serves as a viewfinder for taking selfies with the main camera. Access its settings through the main display to customize its appearance and displayed information.

5.3. Camera Operation

Open the Camera application from the home screen or app drawer. Select between the 50MP main camera, 16MP front camera, or 5MP macro camera modes. Tap to focus and press the shutter button to capture photos or start/stop video recording. Utilize the rear display for convenient selfie framing with the main camera.

5.4. Battery Management

The F109S is equipped with a 10600mAh battery. To charge, connect the provided USB cable to the device and a compatible 18W fast charger. For optimal battery life, avoid extreme temperatures and fully discharge the battery periodically before recharging.

BATTERY

10600mAh Powerful Battery, Last Longer

Powered by a massive 10600mAh battery, your adventures will last longer than you expected. With once full charge by 18W fast charger, the F109 S will offer you up to 30 days of standby with a single sim inserted.

| **603H** | **27H** |
| Standby | HD Video |

| **43H** | **12H** | **16H** | **42H** |
| Calling | Gaming | Navigation | Music |

Figure 5.1: The 10600mAh battery capacity and estimated usage durations for standby, calling, video playback, gaming, navigation, and music.

5.5. Connectivity Features

- **NFC:** For contactless payments via Google Pay and quick data transfer. Ensure NFC is enabled in settings.
- **GPS:** Supports GPS, GLONASS, Beidou, and Galileo for accurate navigation.
- **Bluetooth/Wi-Fi:** Standard wireless connectivity for accessories and internet access.

5.6. Security Features

- **Fingerprint Recognition:** Register your fingerprints in the Security settings for quick and secure unlocking.
- **Facial Recognition:** Set up facial unlock for convenient access to your device.

6. MAINTENANCE

The FOSSIBOT F109S is designed for durability. To maintain its rugged performance:

- **Water and Dust Resistance:** Ensure all port covers are securely closed before exposing the device to water or dust. While resistant, avoid intentional submersion beyond specified limits (1.5m for 30 minutes).
- **Cleaning:** Use a soft, damp cloth to clean the device. Avoid harsh chemicals or abrasive materials.
- **Temperature:** Operate the device within recommended temperature ranges to prevent damage to the battery and internal components.

7. TROUBLESHOOTING

If you encounter issues with your FOSSIBOT F109S, refer to the following common solutions:

- **Device Not Powering On:** Ensure the battery is charged. Connect the device to its charger and wait a few minutes before attempting to power on again.
- **Screen Flashing or Unresponsive:** Perform a forced restart by holding the Power button for approximately 10-15 seconds. If the issue persists, consider a factory reset (note: this will erase all data) or contact customer support.
- **Poor Battery Life:** Check for background applications consuming power. Adjust screen brightness, disable unnecessary connectivity features (Wi-Fi, Bluetooth, GPS) when not in use, and ensure the device is running the latest software updates.
- **Connectivity Issues (Wi-Fi/Bluetooth/NFC):** Toggle the respective feature off and on. Restart the device. Ensure you are within range of the network or accessory.
- **Camera Not Functioning:** Restart the device. Clear the cache and data of the Camera app in Settings > Apps.

8. SPECIFICATIONS

Feature	Detail
Model Name	F109S
Operating System	Android 15
Main Screen Size	6.74 Inches
Main Screen Resolution	720 x 1600
Rear Display Size	1.32 Inches (circular)
RAM Memory Installed Size	16 GB (expandable to 24GB with virtual RAM)
Memory Storage Capacity	256 GB (expandable up to 2TB via TF card)
Battery Capacity	10600 mAh
Fast Charging	18W
Main Camera	50MP AI Camera
Front Camera	16MP
Macro Camera	5MP
Connectivity Technologies	NFC, GPS (GPS+GLONASS+Beidou+Galileo)
Rugged Certifications	IP68/IP69K Waterproof, Dustproof, MIL-STD-810H Drop-proof
Item Weight	1.54 pounds
Dimensions	8.11 x 7.05 x 1.95 inches (Package Dimensions)

9. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video 9.1: An official product video demonstrating the FOSSIBOT F109S rugged smartphone's features, including its durability, camera capabilities, and overall design.

10. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official FOSSIBOT website. For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact FOSSIBOT customer support through their official channels.