

FOSSIBOT F105

FOSSIBOT F105 Rugged Smartphone User Manual

1. INTRODUCTION

This manual provides essential instructions for the proper use and maintenance of your FOSSIBOT F105 Rugged Smartphone. Designed for durability and performance, the F105 features a robust build, a large capacity battery, and the Android 14 operating system. Please read this manual thoroughly to ensure optimal performance and longevity of your device.



Image 1.1: Front and rear view of the FOSSIBOT F105 Rugged Smartphone, showcasing its design and key specifications.

2. PACKAGE CONTENTS

Verify that all items are present in your product package:

- F105 Rugged Smartphone
- Power Adapter
- USB-C Charging Cable
- SIM Tray Ejector
- User Manual

FOSSIBOT F105

- Package Box
- F105 Smartphone
- Type-C USB Cable
- 10W Charger
- User Manual / Warranty Card



Image 2.1: The FOSSIBOT F105 package contents, including the smartphone and accessories.

3. DEVICE OVERVIEW

The FOSSIBOT F105 is designed with a rugged exterior and intuitive controls. Familiarize yourself with the device's physical components:

- **Front:** 6.75-inch HD+ display, front camera, earpiece.
- **Rear:** 20MP main camera, flash, FOSSIBOT branding, carbon fiber texture.
- **Sides:** Power button (integrated fingerprint sensor), volume buttons, USB-C port (with protective cover), SIM/TF card slot (with protective cover).

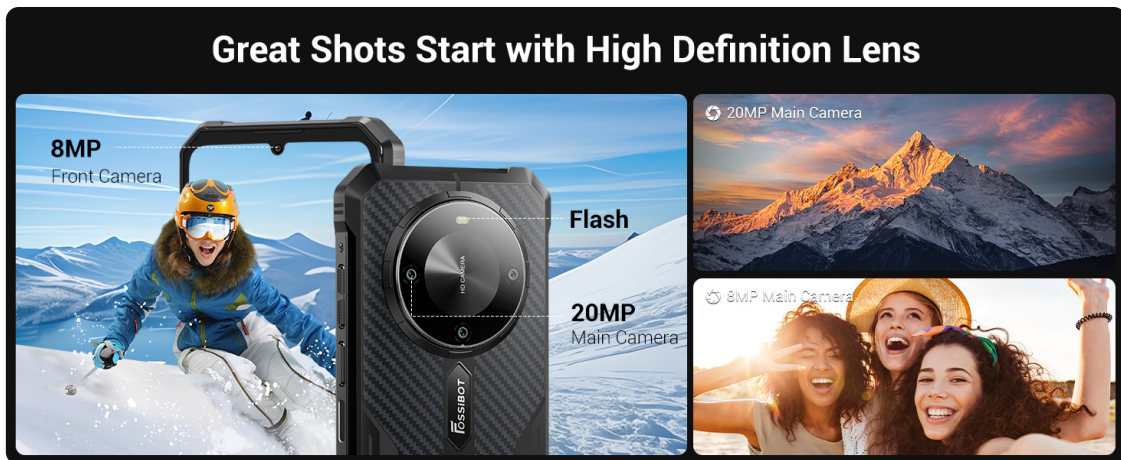


Image 3.1: Close-up view of the FOSSIBOT F105's reinforced design elements.

4. SETUP

4.1 SIM Card and Storage Installation

1. Locate the SIM/TF card slot on the side of the device.
2. Use the provided SIM tray ejector tool to open the tray.
3. Carefully place your Nano-SIM cards (up to two) and/or a TF card (for expanded storage up to 128GB) into the designated slots on the tray. Ensure correct orientation.
4. Gently push the tray back into the device until it is flush with the body. Ensure the protective cover is securely closed to maintain water and dust resistance.



Image 4.1: Illustration of SIM and TF card installation in the FOSSIBOT F105.

4.2 Initial Power On

Press and hold the Power button located on the side of the device until the FOSSIBOT logo appears on the screen. The device will boot up.

4.3 First-Time Setup

Follow the on-screen prompts to complete the initial setup process. This typically includes selecting your language, connecting to a Wi-Fi network, setting up your Google account, and configuring basic security features.

5. OPERATING INSTRUCTIONS

5.1 Battery Management

The FOSSIBOT F105 is equipped with a 10300mAh battery, providing extended usage times. It supports 10W fast charging. For optimal battery life, use the provided charger and cable.

- **Standby Time:** Up to 19 days
- **Talk Time:** Up to 41 hours
- **Music Playback:** Up to 55 hours
- **Video Playback:** Up to 24 hours

The device also supports OTG (On-The-Go) reverse charging, allowing you to use your F105 as a power bank to charge other compatible devices.

10300mAh Large capacity Battery



19Days
Standby



41H
Talk time



17H
Game time



55H
Music



24H
Video time



Image 5.1: Visual representation of the FOSSIBOT F105's 10300mAh battery and its long-lasting performance.

5.2 Display Features

The F105 features a 6.745-inch HD+ display with a resolution of 720x1600 pixels and 420 nits brightness, protected by Dragontrail glass for enhanced durability.

6.745" HD Immersive Display



6.745" HD
Resolution



260 PPI
Pixel Density



720*1600
Resolution



420 nit
Brightness

Image 5.2: Details of the FOSSIBOT F105's 6.745-inch HD+ immersive display.

5.3 Camera Usage

Capture moments with the F105's dual AI cameras: a 20MP rear camera and an 8MP front camera. The camera application includes various modes such as Beauty and Underwater shooting.

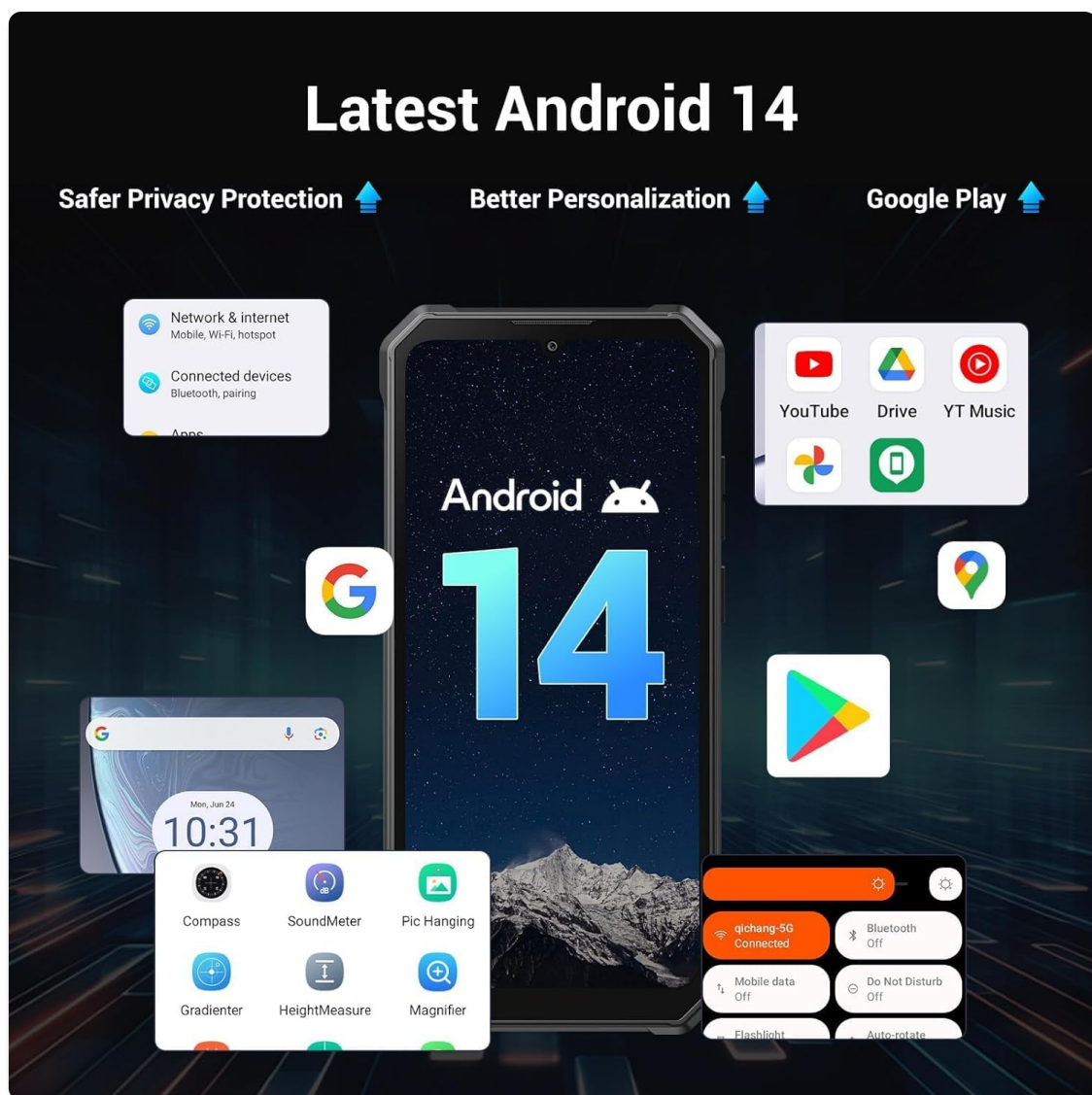


Image 5.3: Overview of the FOSSIBOT F105's dual AI camera system and example images.

5.4 Performance

The FOSSIBOT F105 is powered by an MT8768 Octa-Core processor. It features 12GB RAM (4GB physical + 8GB virtual) and 64GB internal storage, expandable up to 128GB with a TF card.

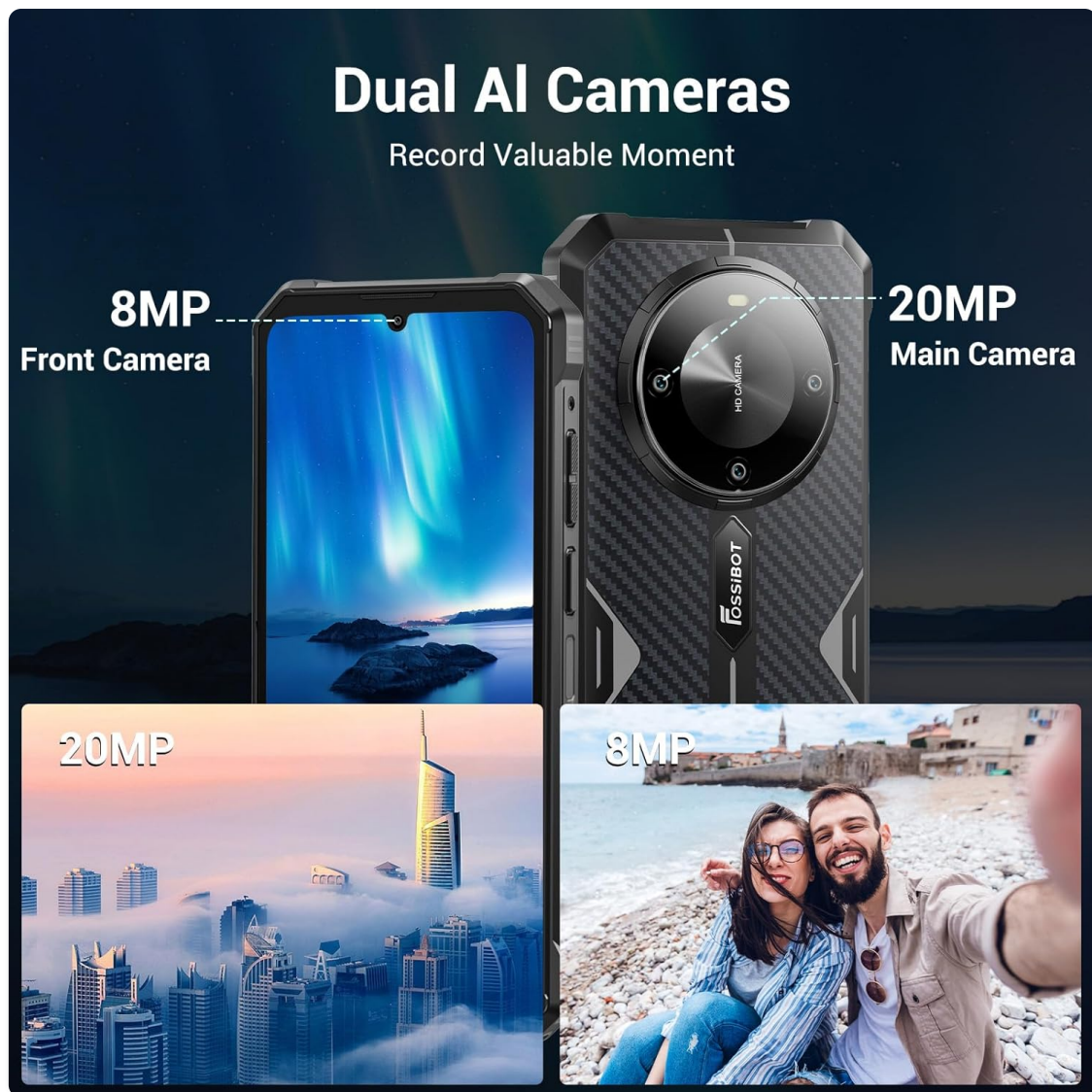


Image 5.4: Internal components of the FOSSIBOT F105, highlighting its processor and memory configuration.

5.5 Android 14 Operating System

The F105 runs on Android 14, offering enhanced security, improved personalization options, and features like Health Connect for centralized health data management.

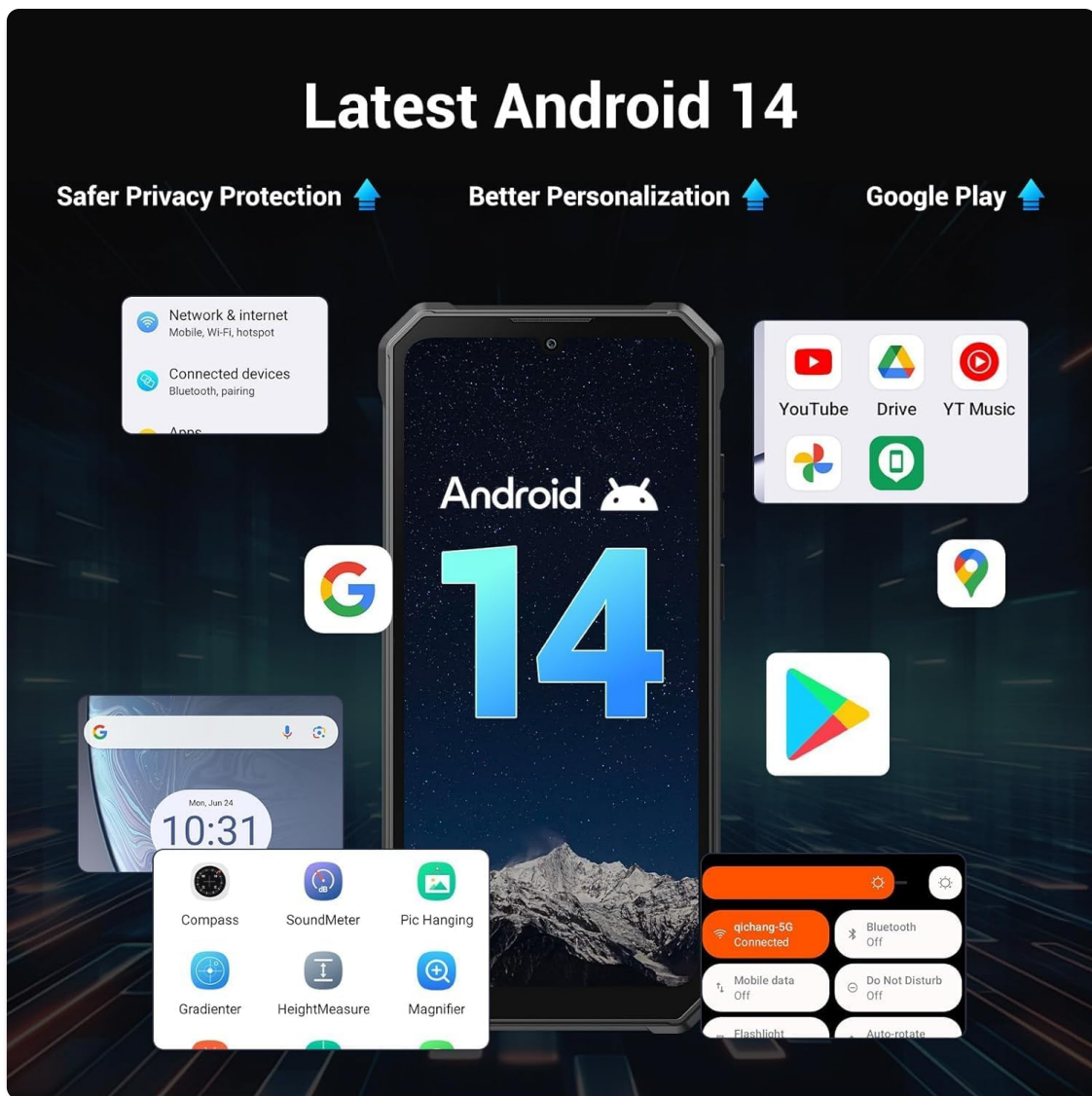


Image 5.5: The Android 14 operating system interface on the FOSSIBOT F105.

5.6 Connectivity

The F105 supports Dual 4G SIM functionality. Please ensure your carrier's frequency bands are compatible:

- **GSM:** 850/900/1800/1900MHz
- **3G:** B1/B2/B4/B5/B8
- **4G:** B38/B40/B41/B1/B2/B3/B4/B5/B7/B8/B12/B17/B18/B19/B20/B25/B26/B28A/B28B/B66

Note: Not compatible with AT&T, Cricket, Verizon, Sprint, etc. Please confirm band compatibility before purchasing.

5.7 Security Features

The F105 offers multiple security options:

- **Fingerprint Unlock:** The fingerprint sensor is integrated into the power button for quick and secure access.
- **Face Unlock:** Use the front camera for convenient facial recognition unlocking.

5.8 Navigation and Integrated Tools

The device supports multiple global navigation satellite systems (GPS, Glonass, Beidou, Galileo, QZSS) for accurate positioning. It also includes a suite of useful tools:

- Compass
- Magnifier
- Gradiometer
- Warning
- Plumb bob
- Flashlight
- Pic Hanging
- Height Measure
- Protractor



Image 5.6: The FOSSIBOT F105 demonstrating GPS navigation and its built-in utility tools.

6. DURABILITY AND PROTECTION

The FOSSIBOT F105 is engineered to withstand challenging environments, certified with:

- **IP68:** Water-resistant up to 1.5 meters for 30 minutes.
- **IP69K:** 360-degree dust-proof.
- **MIL-STD-810H:** Military-grade drop resistance from 1.5 meters.

It operates within a wide temperature range of -20°C to 65°C. The reinforced rubber corners provide additional protection against impacts.

Important: Always ensure the dust-proof seal on the charging port and SIM tray is fully closed to maintain water and dust resistance.



Image 6.1: The FOSSIBOT F105 demonstrating its ruggedness against water, dust, and drops.

7. SPECIFICATIONS

Feature	Specification
Model Name	F105
Operating System	Android 14
Processor	MT8768 Octa-Core (ARM Cortex A5, 2 GHz)
RAM	4 GB (expandable to 12 GB with virtual RAM)
Internal Storage	64 GB (expandable up to 128 GB with TF card)
Display Size	6.75 Inches HD+
Display Resolution	720 x 1600
Battery Capacity	10300 mAh
Rear Camera	20 MP
Front Camera	8 MP

Connectivity	Dual 4G SIM, USB Type-C
Durability Ratings	IP68, IP69K, MIL-STD-810H
Item Weight	1.57 pounds
Dimensions	8.94 x 8.9 x 2.36 inches (Package)

8. MAINTENANCE

8.1 Cleaning Your Device

To clean your FOSSIBOT F105, use a soft, damp cloth. Avoid using harsh chemicals or abrasive materials, as these can damage the device's finish and protective coatings. Ensure all port covers are securely closed before cleaning with moisture.

8.2 Software Updates

Regularly check for and install software updates to ensure your device has the latest security patches, features, and performance improvements. You can usually find this option in your device's Settings menu under "System" or "About phone."

8.3 Port Protection

Always keep the rubber seals and covers for the USB-C port and SIM/TF card slot securely closed when not in use. This is crucial for maintaining the device's IP68 and IP69K water and dust resistance ratings.

9. TROUBLESHOOTING

If you encounter issues with your FOSSIBOT F105, consider the following common solutions:

- **Device Not Powering On:** Ensure the battery is charged. Connect the device to the charger for at least 15 minutes before attempting to power it on again.
- **Network Issues:** Check if your SIM card is correctly inserted. Verify that mobile data is enabled in settings. Ensure your carrier's frequency bands are supported by the device.
- **Apps Crashing/Freezing:** Close and restart the problematic app. Clear the app's cache and data in Settings > Apps. If the issue persists, consider uninstalling and reinstalling the app.
- **Slow Performance:** Close unnecessary background apps. Clear cached data. Restart the device.
- **Water/Dust Exposure:** If the device has been exposed to water or dust, ensure all ports were sealed. If not, power off the device immediately and allow it to dry completely before attempting to power it on.
- **Factory Reset:** As a last resort for persistent software issues, you may perform a factory reset. This will erase all data on your device, so ensure you back up important information first. Navigate to Settings > System > Reset options > Erase all data (factory reset).

10. WARRANTY AND SUPPORT




FOSSIBOT provides comprehensive support for your F105 Rugged Smartphone:




- **Warranty:** A 1-year long-term warranty is offered from the date of purchase.

- **Returns:** A 30-day free return guarantee is available.
- **Customer Support:** Year-round customer support and 24-hour online customer service are provided for any inquiries or issues.

For further assistance, please refer to the contact information provided in your warranty card or visit the official FOSSIBOT support website.

Related Documents - F105

 F101 Pro User Manual <small>www.fossibot.com</small>	<p>FOSSiBOT F101 Pro User Manual: Features, Specifications, and Care Guide</p> <p>Comprehensive user manual for the FOSSiBOT F101 Pro rugged smartphone, detailing its features, specifications, device overview, accessories, battery information, care instructions, warranty, and FCC compliance.</p>
 F110L User Manual <small>www.fossibot.com</small>	<p>FOSSiBOT F110L Rugged Smartphone User Manual</p> <p>Comprehensive user manual for the FOSSiBOT F110L rugged smartphone, detailing device features, specifications, safety guidelines, care instructions, warranty, and FCC compliance information.</p>
	<p>FOSSiBOT F101 Smart phone User Manual: Features, Settings, and Safety Guide</p> <p>Comprehensive user manual for the FOSSiBOT F101 Smart phone. This guide covers device features, settings, call and message handling, Wi-Fi and Bluetooth connectivity, SAR information, safety precautions, and legal notices.</p>

 <p>FOSSiBOT F106 Pro User Manual</p>	<p>FOSSiBOT F106 Pro User Manual - Rugged Smartphone Specifications and Guide</p> <p>Comprehensive user manual for the FOSSiBOT F106 Pro rugged smartphone. Includes specifications, features, safety guidelines, care instructions, and warranty information.</p>
 <p>FOSSiBOT F114 User Manual</p>	<p>Fossibot F114 User Manual</p> <p>User manual for the Fossibot F114 smartphone, covering its features, specifications, safety precautions, and warranty information.</p>
 <p>FOSSiBOT S3 Pro User Manual</p>	<p>FOSSiBOT S3 Pro User Manual and Specifications</p> <p>User manual and technical specifications for the FOSSiBOT S3 Pro smartphone, covering features, safety precautions, and warranty information.</p>