DOOGEE S41 PLUS

DOOGEE S41 PLUS Rugged Smartphone User Manual

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your DOOGEE S41 PLUS Rugged Smartphone. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The DOOGEE S41 PLUS is a rugged smartphone designed for durability and performance in challenging environments. It features the Android 14 operating system, a powerful Octa-Core processor, 8GB RAM, 128GB internal storage (expandable up to 1TB), a 6300mAh battery, a 13MP AI main camera, and a 5.5-inch IPS HD+ display. Key features include IP68/IP69K water and dust resistance, MIL-STD-810H drop protection, Face Unlock, and NFC capabilities.

Figure 2.1: Overview of DOOGEE S41 PLUS key features.

3. SETUP

3.1 SIM and TF Card Installation

The device supports dual Nano SIM cards and one TF (microSD) card for expandable storage. To install, locate the

SIM tray on the side of the phone. Use the provided SIM ejector tool to open the tray. Carefully place your Nano SIM cards and TF card into their respective slots, ensuring correct orientation. Close the tray securely.

Figure 3.1: SIM and TF card slot configuration.

3.2 Initial Power On

Press and hold the power button located on the side of the device until the DOOGEE logo appears. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, and Google account login.

4. OPERATING INSTRUCTIONS

4.1 Android 14 System

The DOOGEE S41 PLUS operates on Android 14, offering enhanced privacy features, improved performance, and a user-friendly interface. Explore the settings menu to customize your device, manage notifications, and configure security options.
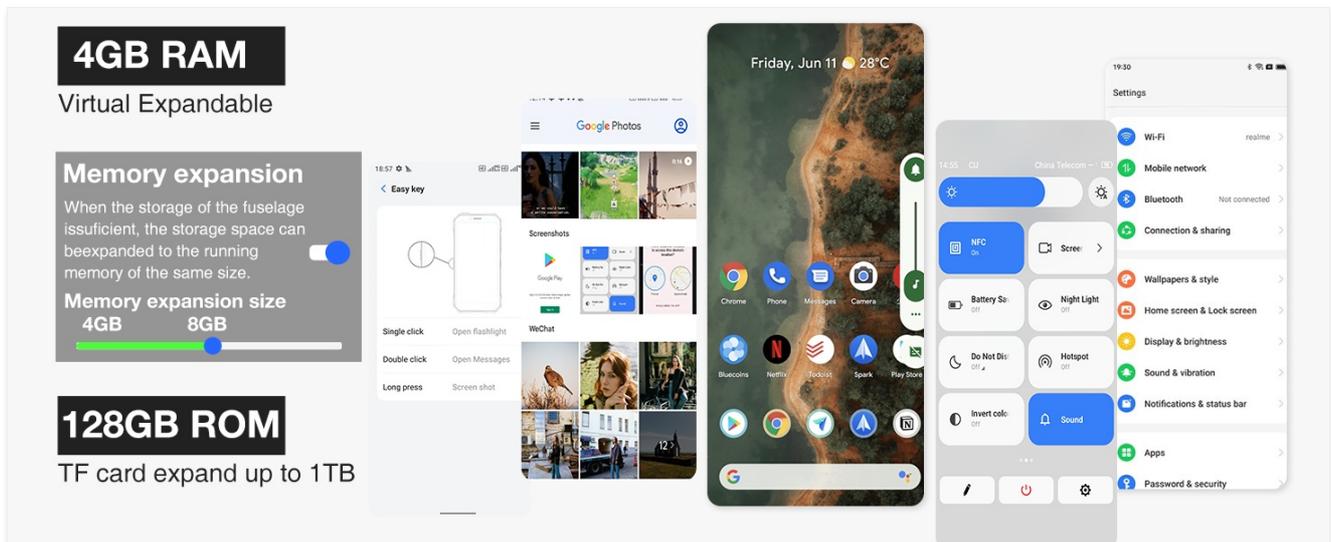

Figure 4.1: Android 14 user interface examples.

4.2 Camera Usage

The device is equipped with a 13MP AI main camera and an 8MP front camera. Access the camera application from the home screen or app drawer. Various modes are available, including Night Mode, Beauty, PRO Mode for advanced settings, and an Underwater Camera mode for capturing photos and videos in aquatic environments. The camera supports 1080p video capture.

Figure 4.2: Camera features and modes.

Figure 4.3: Underwater camera functionality.

Figure 4.4: 8MP Front Camera in use.

4.3 Face Unlock

For convenient and secure access, the DOOGEE S41 PLUS supports Face Unlock. Register your face in the security settings. Once configured, simply look at the front camera to unlock your device.
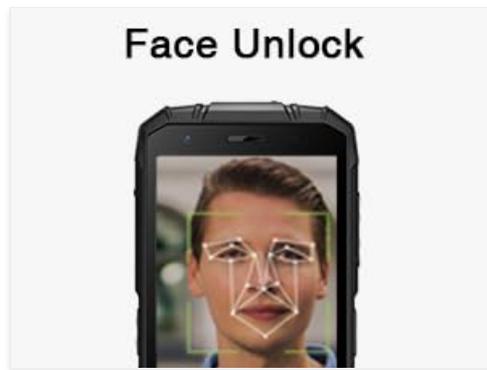
Figure 4.5: Face Unlock in operation.

4.4 NFC Functionality

The device includes Near Field Communication (NFC) for quick data exchange and contactless payments. Enable NFC in settings to use features like Google Pay or to pair with other NFC-enabled devices.

Figure 4.6: NFC for contactless payments.

4.5 Customized Button

The DOOGEE S41 PLUS features a customizable side button. This button can be configured for various shortcuts:

- **One Click:** Assign to a frequently used app or function.
- **Double Click:** Assign to a different app or function.
- **Long Press:** Assign to an emergency contact or another specific action.

Adjust these settings in the device's system configuration.

Figure 4.7: Customized button functions.

4.6 Navigation

The smartphone supports multiple global navigation satellite systems (GNSS), including GPS, Glonass, Galileo, and Beidou, ensuring accurate positioning and reliable navigation for outdoor activities.

Figure 4.8: Navigation features.

4.7 Software Toolbox

The device includes a pre-installed software toolbox with various utility applications useful for outdoor and daily tasks. These tools include a Compass, Flashlight, Magnifier, Protractor, Plumb Bob, Height Meter, Sound Meter, and Gradienter.

Figure 4.9: Software Toolbox applications.

4.8 General Operation Video

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Video 4.1: This video demonstrates various operational aspects of the DOOGEE S41 PLUS, including camera usage and gaming performance, showcasing the device's capabilities in different scenarios.

5. DURABILITY FEATURES

The DOOGEE S41 PLUS is engineered to withstand harsh conditions, meeting several industry-standard durability ratings:

- **IP68 Waterproof:** Protected against continuous immersion in water up to 1.5 meters for 30 minutes.
- **IP69K Dustproof:** Fully protected against dust ingress from all angles.
- **MIL-STD-810H:** Military-grade standard for drop protection, capable of withstanding drops from 6 feet (1.8 meters) onto hard surfaces.

Figure 5.1: Durability features of the DOOGEE S41 PLUS.

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Video 5.1: This video highlights the rugged design and durability of the DOOGEE S41 PLUS, showcasing its resistance to water, dust, and drops.

6. BATTERY MANAGEMENT

The DOOGEE S41 PLUS is equipped with a large 6300mAh battery, providing extended usage times. Expect up to 432 hours of standby time, 72 hours of normal use, 27 hours of calling, and 32 hours of music playback. The device also supports OTG (On-The-Go) functionality, allowing it to act as a power bank for other devices or connect to USB accessories.

Figure 6.1: Battery capacity and estimated usage times.

7. DISPLAY

The device features a 5.5-inch IPS HD+ display with a resolution of 1440x720 pixels and an 18:9 aspect ratio. It offers a pixel density of 295 PPI and a brightness of 400 cd/m². The screen is protected by Corning Gorilla Glass, providing enhanced scratch and drop resistance.

Figure 7.1: Display specifications.

8. PERFORMANCE AND STORAGE

The DOOGEE S41 PLUS is powered by a T606 Octa-Core processor, operating at 1.6 GHz with 12nm advanced technology, ensuring smooth multitasking and efficient performance. It comes with 8GB of RAM (4GB physical + 4GB extended virtual RAM) and 128GB of internal storage, which can be expanded up to 1TB using a TF (microSD) card.
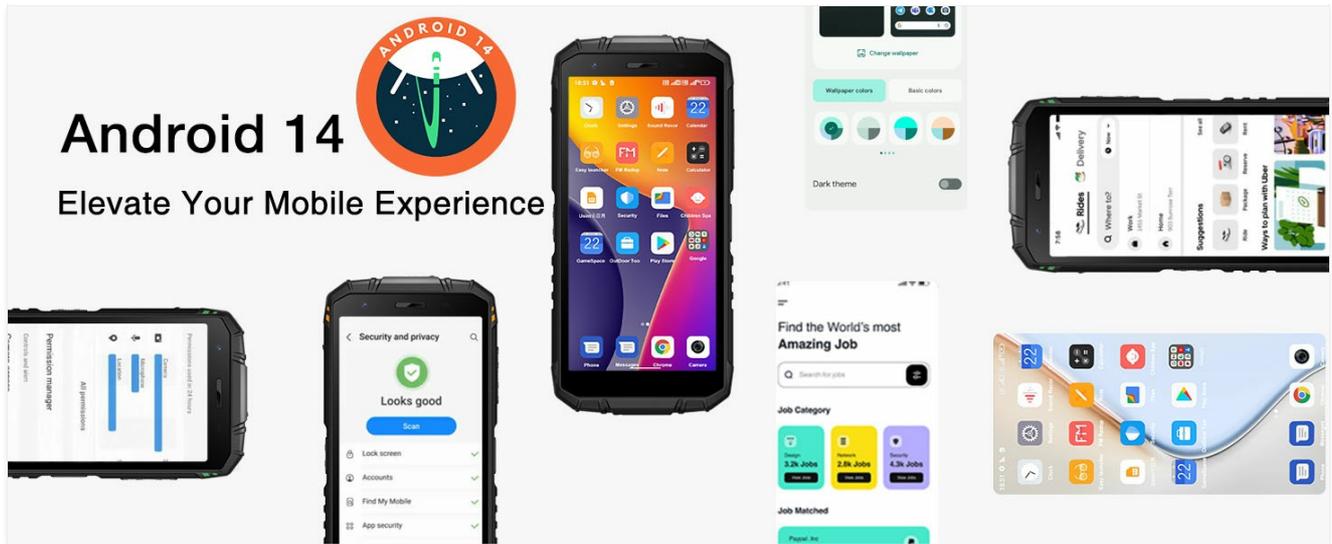

Figure 8.1: T606 Octa-Core Processor details.

Figure 8.2: RAM and ROM configuration with expansion options.

9. CONNECTIVITY

The DOOGEE S41 PLUS supports Dual SIM 4G connectivity. It is compatible with GSM T-Mobile networks. Please verify compatibility with your local frequency bands before purchase. Supported frequency bands include:

- **GSM:** B2/3/5/8
- **WCDMA:** B1/2/4/5/8
- **TDD:** B34/38/39/40/41
- **FDD:** B1/2/3/4/5/7/8/18/19/20/25/26/28A/28B/66

The device also supports EDGE/GPRS.

10. SPECIFICATIONS

Feature	Specification
Brand	DOOGEE
Model	S41 PLUS
Screen Size	5.5 Inches
Wireless Carrier Compatibility	T-Mobile (GSM)
Color	Green
Wireless Network Technology	LTE
SIM Card Slot Count	Dual SIM
Form Factor	Smartphone
Battery Capacity	6300 Milliamp Hours
Biometric Security Feature	Face Recognition
Other Camera Features	Front
Water Resistance Level	Waterproof (IP68/IP69K)
Battery Description	Lithium-Ion
Phone Talk Time	32 Hours
Manufacturer	DOOGEE

11. TROUBLESHOOTING

If you encounter issues with your DOOGEE S41 PLUS, consider the following basic troubleshooting steps:

- **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.
- **Poor network signal:** Check if your SIM card is correctly inserted. Move to an area with better network coverage. Verify your carrier compatibility.
- **Apps crashing or device freezing:** Restart the device. Clear the cache of the problematic app or perform a factory reset (back up your data first).
- **Camera issues:** Ensure the camera lens is clean and free from obstructions. Check camera settings for any unusual configurations.
- **Battery draining quickly:** Close unused applications running in the background. Reduce screen brightness. Disable unnecessary features like Wi-Fi, Bluetooth, or GPS when not in use.

For more complex issues, refer to the official DOOGEE support website or contact customer service.

12. WARRANTY AND SUPPORT

Your DOOGEE S41 PLUS Rugged Smartphone comes with a 2-year free warranty. Additionally, DOOGEE offers a 30-day money-back guarantee without reason. A professional support team is available 24/7 to assist you with any problems or inquiries. For warranty claims or technical support, please visit the official DOOGEE website or contact their customer service directly.