OUKITEL WP22

OUKITEL WP22 Rugged Smartphone User Manual

Model: WP22 | Brand: OUKITEL

1. INTRODUCTION

The OUKITEL WP22 is a rugged smartphone designed for durability and high performance in challenging environments. It features a large battery, powerful speaker, advanced camera system, and robust construction to withstand various conditions.

Figure 1: Front and back view of the OUKITEL WP22 Rugged Smartphone, highlighting its robust design and large rear speaker.

2. DEVICE OVERVIEW

The OUKITEL WP22 is built with a focus on durability and functionality. Its design incorporates reinforced corners and metal elements to enhance resistance against drops and impacts. The device features a large display on the front and a prominent multimedia speaker system on the rear, surrounded by its camera modules.

Figure 2: Detailed rear view of the OUKITEL WP22, showcasing the central multimedia speaker and surrounding camera lenses.

3. SETUP

3.1 SIM and TF Card Installation

The OUKITEL WP22 supports dual SIM cards and a TF (microSD) card for expandable storage up to 1TB. To install, locate the SIM/TF card tray on the side of the device. Use the provided SIM ejector tool to open the tray. Carefully place your SIM cards and TF card into their respective slots, ensuring correct orientation. Close the tray securely to maintain the device's waterproof and dustproof integrity.

Figure 3: Diagram illustrating the dual SIM and expandable TF card slots for the OUKITEL WP22.

3.2 Initial Power On

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

4. KEY FEATURES

- **Massive 10000mAh Battery:** Provides extended usage, up to 4 days on a single charge, with 18W fast charging support.

- **Powerful 4W 125db Loudspeaker:** Delivers crystal-clear audio for calls, alerts, and multimedia, even in noisy environments.

- **Advanced Camera System:** Features a 48MP main camera, 20MP night vision camera, 16MP front camera, and 2MP macro camera for versatile photography.

- **Durable and Waterproof Design:** Certified IP68/IP69K/MIL-STD-810H, making it waterproof, dustproof, and shockproof.

- **Large 6.58" FHD+ Screen:** Offers a resolution of 1080×2408 for clear visibility and an immersive viewing experience.

- **Latest Android 13 Operating System:** Enjoy enhanced performance, a smoother interface, and improved privacy features.

- **High Performance & Storage:** Powered by a MediaTek Helio P90 Octa-core processor with 13GB RAM (8GB physical + 5GB virtual) and 256GB ROM, expandable up to 1TB with a TF card.

5. OPERATING INSTRUCTIONS

5.1 Basic Navigation

Navigate the Android 13 interface using standard touch gestures: swipe, tap, pinch-to-zoom. Access the app drawer by swiping up from the home screen. The notification panel can be accessed by swiping down from the top of the screen.

5.2 Programmable Smart Key

The OUKITEL WP22 features a customizable smart key on its side. This key can be configured for three different shortcuts, allowing quick access to frequently used apps or functions with a single press, double press, or long press.
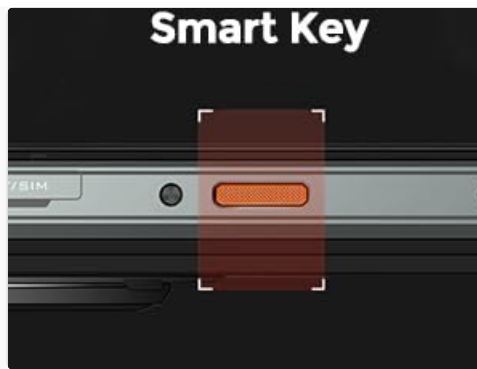
Figure 4: The programmable Smart Key, offering quick access to custom functions.

5.3 Biometric Security

The device supports both fingerprint unlock and face unlock for convenient and secure access. The fingerprint scanner is integrated into the power button for easy access.

6. CAMERA USAGE

The OUKITEL WP22 is equipped with a versatile quad-camera system to capture various moments.

- **48MP Main Camera:** For high-resolution photos in various lighting conditions.

- **20MP Night Vision Camera:** Utilizes infrared LEDs to capture clear images and videos in complete darkness.

- **16MP Front Camera:** Ideal for selfies and video calls.

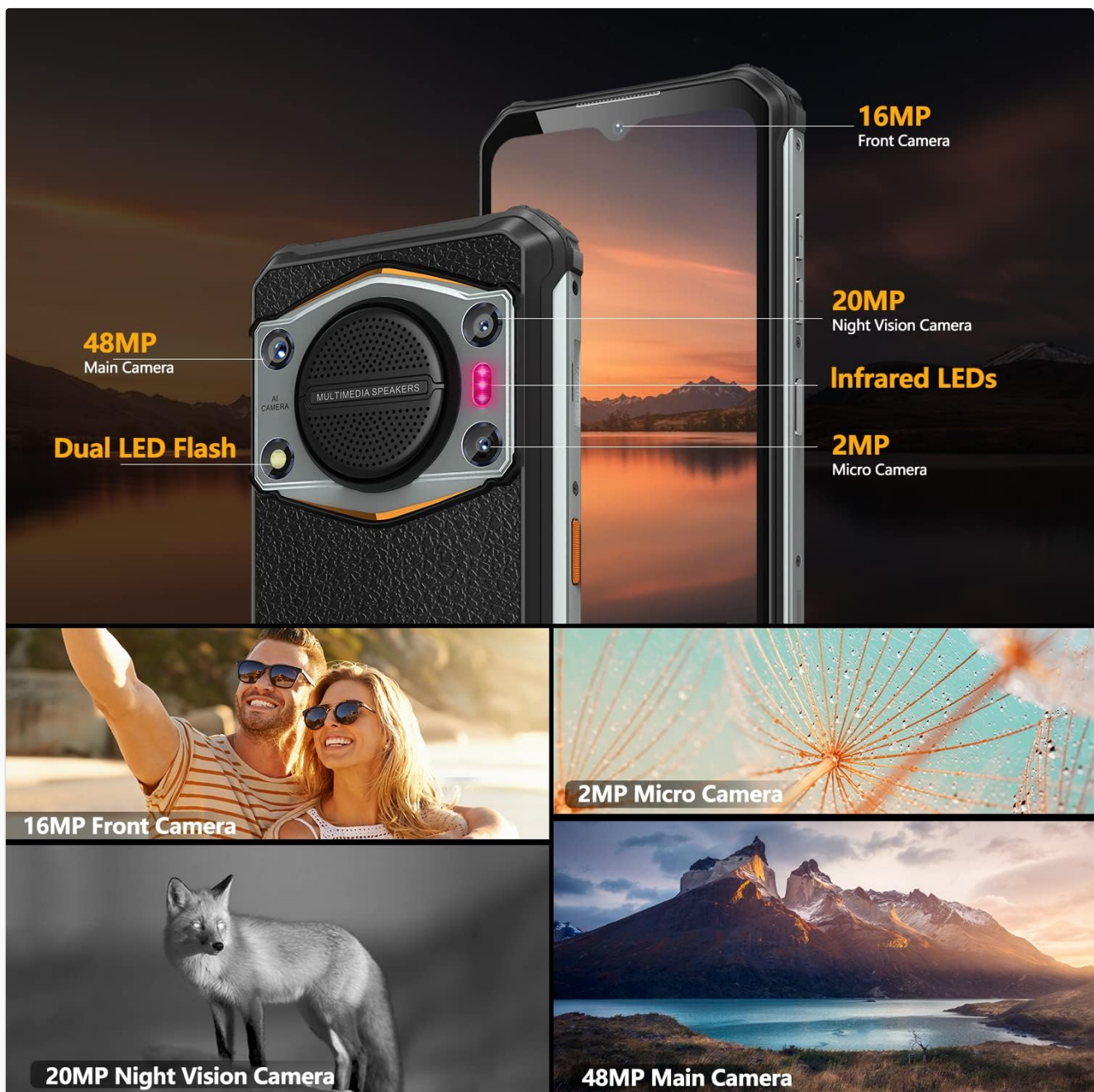- **2MP Macro Camera:** For detailed close-up shots of small objects.

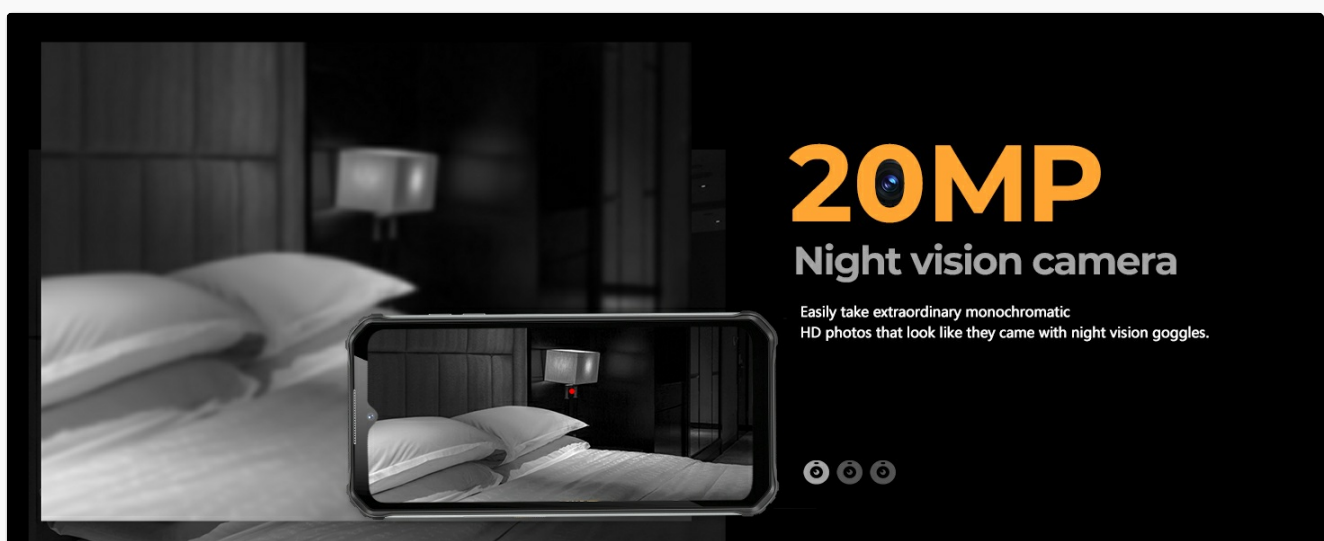Figure 5: Overview of the OUKITEL WP22's multi-camera setup, including the night vision feature.

Figure 6: An example of an image captured using the 20MP Night Vision Camera in low light conditions.

7. PERFORMANCE

The OUKITEL WP22 is powered by the MediaTek Helio P90 Octa-core processor, clocked at 2.2GHz, ensuring smooth operation for daily tasks and most applications. It comes with 13GB of RAM (8GB physical + 5GB virtual) and 256GB of internal storage, which can be expanded up to 1TB using a TF card. While capable of handling many games and multimedia, it may have limitations with highly graphic-intensive gaming due to its benchmark score of approximately 260,000.

Figure 7: Visual representation of the OUKITEL WP22's internal specifications, including RAM, ROM, and the MediaTek Helio P90 processor.

8. DURABILITY FEATURES

The OUKITEL WP22 is built to endure harsh conditions, holding multiple certifications for ruggedness:

- **IP68 Waterproof:** Can be submerged in up to 1.5 meters of water for 30 minutes.
- **IP69K Dustproof:** Provides 360° protection against dust and high-pressure water jets.

- **MIL-STD-810H Shockproof:** Designed to survive drops from a height of 1.5 meters.

Figure 8: Visuals depicting the OUKITEL WP22's resistance to dust, water, and drops.
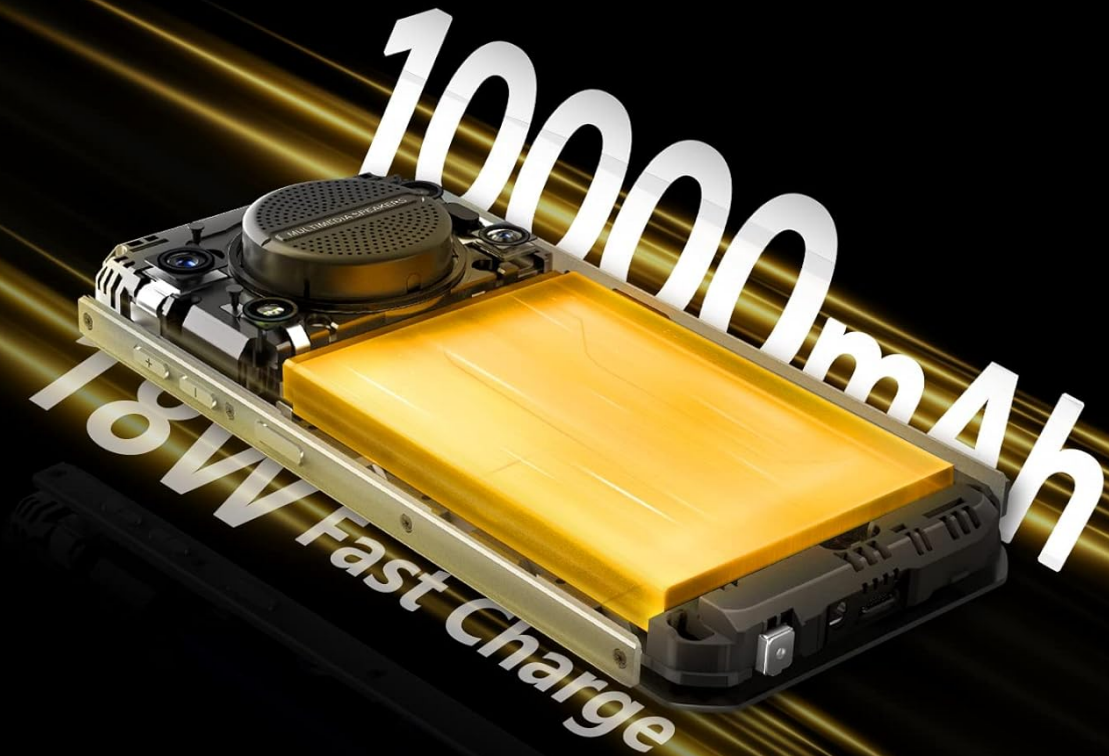
9. BATTERY MANAGEMENT

Equipped with a massive 10000mAh battery, the OUKITEL WP22 offers exceptional battery life. It supports 18W fast charging, allowing for quick recharges. Additionally, the device features OTG (On-The-Go) reverse charging, enabling it to act as a power bank to charge other devices such as smartwatches, earbuds, or even other smartphones.

Figure 9: Illustration of the OUKITEL WP22's large 10000mAh battery and 18W fast charging capability.
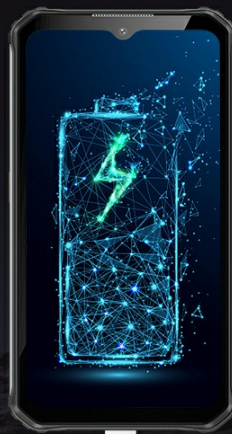

Figure 10: The OTG Reverse Charge feature, allowing the WP22 to charge other devices.

10. CONNECTIVITY

The OUKITEL WP22 offers comprehensive connectivity options:

- **4G Dual SIM:** Supports various FDD, TDD, WCDMA, and GSM bands for broad network compatibility. Please verify with your carrier before purchase.

- **NFC + Google Pay:** For convenient contactless payments and data transfer.

- **GPS:** Integrated with GPS, BEIDOU, GALILEO, and GLONASS for accurate navigation.

Figure 11: The OUKITEL WP22 supports NFC for Google Pay and other contactless services.

11. PROFESSIONAL TOOL KIT

The WP22 includes a suite of outdoor tools accessible via its software, enhancing its utility for adventurers and professionals. These tools include a compass, soundmeter, pic hanging, gradienter, heightmeasure, magnifier, protractor, plumb bob, warning, and alarmglocke.

Figure 12: The OUKITEL WP22's Professional Tool Kit, featuring various utility apps for outdoor use.

12. MAINTENANCE

To ensure the longevity and optimal performance of your OUKITEL WP22, follow these maintenance guidelines:

- Always ensure all port covers (USB-C, SIM/TF card tray) are securely closed, especially before exposing the device to water or dust.

- Clean the screen and device body with a soft, damp cloth. Avoid harsh chemicals.

- Regularly check for software updates to ensure the latest security patches and performance improvements.
- Avoid exposing the device to extreme temperatures outside its operating range (-40°C to 70°C).

13. TROUBLESHOOTING

13.1 Network Compatibility

The OUKITEL WP22 is not supported by AT&T, Cricket, Verizon, Xfinity Mobile, Total Wireless, Straight Talk, or U.S. Cellular. It is compatible with T-Mobile, Metro by T-Mobile, Mint Mobile, Boost Mobile, Republic Wireless, Ultra Mobile, Tello Mobile, and Sprint. Please confirm with your carrier before purchasing if you are unsure about compatibility.

13.2 SD Card Formatting

If you encounter issues with your microSD card being formatted every time it's inserted from a computer, ensure you select "Use as Portable Storage" when prompted by the phone. This should prevent reformatting and allow file transfer.

13.3 Speaker Volume for Calls

While the multimedia speaker is exceptionally loud for media playback, the volume for phone conversations on speakerphone may be lower. You might need to hold the phone closer to your ear for clearer audio during calls. VoIP calls (e.g., Facebook Messenger) are generally more audible.

13.4 USB-C Port and Accessories

Ensure that third-party charging cables and wired accessories fit snugly into the USB-C port. Due to the rugged design, some connectors may not fit properly, causing them to disconnect. The device does not feature a 3.5mm headphone jack.

14. SPECIFICATIONS

Feature	Specification
Model Name	OUKITEL WP22
Operating System	Android 13.0
Processor	MediaTek Helio P90 Octa-core, 2.2 GHz
RAM	13 GB (8GB physical + 5GB virtual)
Internal Storage	256 GB
Expandable Storage	Up to 1 TB with TF card (not included)
Screen Size	6.58 Inches FHD+
Resolution	1080 x 2408
Main Camera	48 MP
Night Vision Camera	20 MP
Front Camera	16 MP

Macro Camera	2 MP
Battery Capacity	10000 mAh
Fast Charging	18W
Standby Time	Up to 1250 hours
Durability Ratings	IP68, IP69K, MIL-STD-810H
Connectivity	4G, Dual SIM, NFC, Bluetooth, Wi-Fi, OTG
GPS	GPS+BEIDOU+GALILEO+GLONASS
Item Weight	1.61 pounds
Package Dimensions	9.45 x 9.41 x 1.89 inches

15. WARRANTY & SUPPORT

OUKITEL offers a 2-year guarantee for the WP22. For any product-related issues or inquiries, 24-hour online customer service is available. Please feel free to contact the customer service team via Amazon for assistance.

Figure 13: OUKITEL's commitment to product guarantee and customer support.

16. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video 1: This video highlights the OUKITEL WP22's powerful 125db speaker, large 10000mAh battery, and ample 13GB RAM + 256GB storage, demonstrating its robust features and performance.