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OUKITEL WP300

OUKITEL WP300 5G Rugged Smartphone User Manual

Brand: OUKITEL | Model: WP300

Introduction

The OUKITEL WP300 is a robust 5G rugged smartphone designed for demanding environments and users requiring high performance and durability. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device to ensure optimal performance and longevity.

What's in the Box

Upon unboxing your OUKITEL WP300, verify that all the following items are included:

- OUKITEL WP300 Rugged Smartphone
- Modular Display Earphones (Detachable)
- Wrist Strap
- Modular Camping Light
- Camping Light Head Cable
- Screen Protector
- Charger
- Type-C Data Cable
- Quick Start Guide
- Warranty Card
- Earphone
- Earphone to 3.6mm Adapter
- OTG Cable
- Protective Case
- Leather Case
- Color Protective Film
- Steel Protective Film
- Card Needle
- PE Bag



Figure 1: All items included in the OUKITEL WP300 retail packaging.

Key Features

Rugged Design and Durability

The WP300 is certified to MIL-STD-810G/H military standards, ensuring resilience against shock, vibration, and extreme temperatures. With IP68/IP69K dual protection, it is dust-resistant and can survive submersion in 1.5 meters of water for 30 minutes. Sealed ports, a reinforced frame, and Corning Gorilla Glass 5 provide comprehensive protection against daily wear and tear.



Figure 2: Durability features of the OUKITEL WP300, including water, dust, and military-grade drop resistance.

Massive Battery and Fast Charging

Equipped with a 16000mAh battery, the WP300 offers extended usage: up to 2070 hours of standby, 140 hours of calls, 57 hours of music, or 19 hours of video playback. It supports 45W fast charging, fully charging in approximately 4 hours, and features 18W OTG reverse charging to power other devices.



Figure 3: Visual representation of the 16000mAh battery and 45W fast charging capability.



Figure 4: The smartphone's OTG 18W reverse charging feature for external devices.

Modular Accessories

The WP300 offers unique modularity, including a detachable 370-lumen camping light and Bluetooth earphones with a display that can function as a smartwatch. These accessories attach magnetically, providing versatile functionality for outdoor activities and daily use.



Figure 5: Modular detachable earbud and camping light accessories for the WP300.



Figure 6: The modular camping light in use, providing illumination.

Advanced Camera System

Capture stunning photos with the 108MP main camera, capable of 12000x9000 resolution. The 32MP front camera delivers high-quality selfies, and a 2MP macro lens allows for detailed close-up shots. AI optimization enhances image quality for various scenarios.



Figure 7: Overview of the WP300's camera system, including main, front, and macro lenses.



Figure 8: Close-up of the 108MP AI camera sensor.



Figure 9: Sample images demonstrating the quality of the 32MP front camera.

Performance and Storage

The WP300 is powered by a 6nm Dimensity 7050 5G octa-core processor, offering high performance with low power consumption. It features 36GB RAM (12GB physical + 24GB virtual) and 512GB internal storage, expandable up to 2TB with a TF card, ensuring smooth multitasking and ample space for all your data.



Figure 10: Internal components highlighting RAM, ROM, and the Dimensity 7050 chipset.



Figure 11: Storage and RAM capabilities of the OUKITEL WP300.



Figure 12: Technical details of the MediaTek Dimensity 7050 5G processor.

Display

The device features a 6.8-inch FHD+ (2460x1080) display with a 120Hz refresh rate, providing smooth and vibrant visuals. Protected by fifth-generation Corning Gorilla Glass, the screen is resistant to scratches and drops.



Figure 13: The 6.8-inch FHD+ display with 120Hz refresh rate and Gorilla Glass protection.



Figure 14: Detailed display specifications of the OUKITEL WP300.

Connectivity and Operating System

The WP300 supports 5G connectivity across multiple bands (GSM, WCDMA, TDD, FDD), ensuring fast and reliable network access. It runs on Android 15, offering the latest features and security updates. Additional connectivity options include Bluetooth, NFC, USB, and Wi-Fi. The device also supports Dual SIM functionality (Nano+Nano/TF).

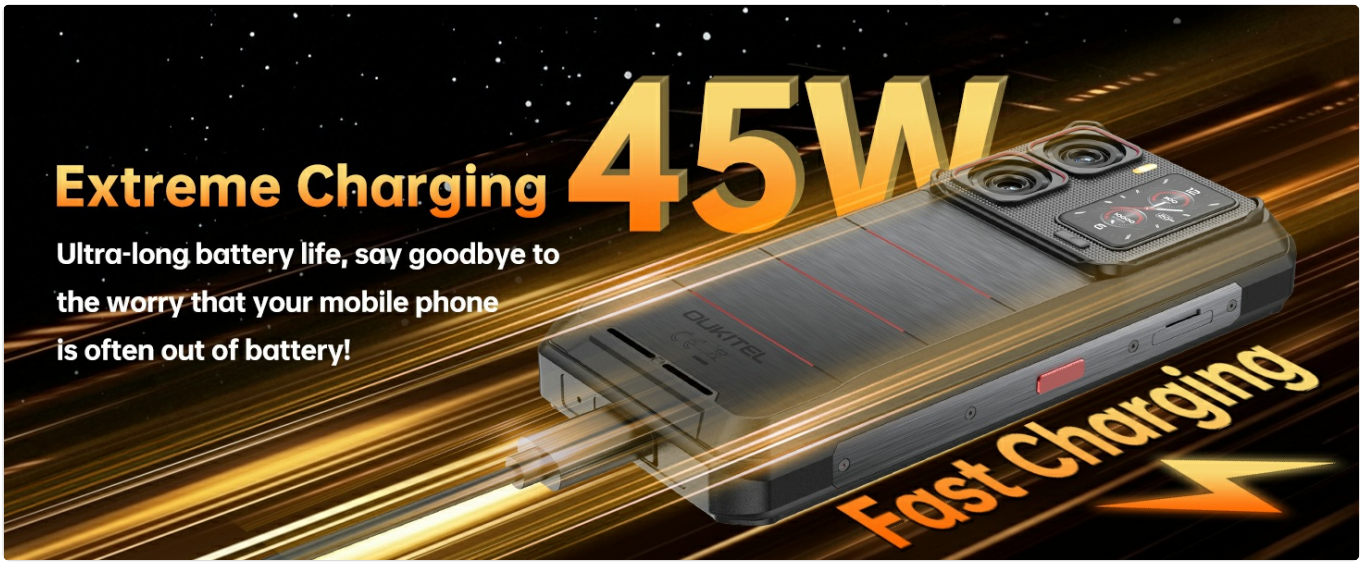

Figure 15: The OUKITEL WP300 operating on Android 15.



Figure 16: Supported 5G network bands for the OUKITEL WP300.



Figure 17: Additional features like NFC, GPS, and secure unlock options.

Additional Features

The WP300 includes a customizable Smart Key for quick access to functions like recording, flashlight, screenshot, underwater camera, SOS, or any app. It also comes with a suite of practical tools such as a compass, sound meter, height measure, heart rate monitor, magnifier, protractor, and plumb bob.



Figure 18: Customizable Smart Key on the OUKITEL WP300.



Figure 19: The ToolBag application with various utility features.

Setup

1. **Initial Power On:** Press and hold the power button (located on the right side of the device) until the OUKITEL logo appears.
2. **Language and Region Selection:** Follow the on-screen prompts to select your preferred language and region.
3. **Wi-Fi Connection:** Connect to a Wi-Fi network to complete the initial setup and download any necessary updates.
4. **Google Account Setup:** Sign in with your Google account or create a new one. This is essential for accessing the Play Store and other Google services.
5. **SIM Card and SD Card Insertion:**
    - Locate the SIM card tray on the side of the device.

- Use the provided card needle to eject the tray.
- Insert your Nano SIM cards and/or TF (microSD) card into the designated slots.
- Carefully reinsert the tray into the device, ensuring it is sealed properly for water and dust resistance.

6. **Security Setup:** Set up your preferred screen lock method, including PIN, pattern, password, fingerprint unlock, and face unlock for enhanced security.

Operating Instructions

Basic Navigation

Navigate the Android 15 interface using gestures or the traditional three-button navigation bar, configurable in the settings.

Using the Camera

Open the Camera app to access various modes including Photo, Video, Macro, and Night. Utilize the 108MP main camera for high-resolution images and the 32MP front camera for selfies. Adjust settings like HDR, flash, and AI optimization within the app.

Modular Camping Light

To use the modular camping light, detach it from the phone and attach it to the wrist strap for use as a headlamp, or use it independently. Control its brightness and modes via the dedicated app or physical buttons.

Underwater Mode

For underwater photography or videography, activate the dedicated underwater mode. This mode disables the touchscreen and allows you to use the physical volume buttons to control the camera functions, ensuring proper operation while submerged.

Smart Key Customization

Access the Smart Key settings to assign custom actions to single press, double press, or long press gestures. This allows for quick access to frequently used apps or functions like flashlight, screenshot, or SOS.

Maintenance

- **Cleaning:** Regularly wipe the device with a soft, damp cloth. For stubborn dirt, use a mild soap solution. Ensure all ports are closed before cleaning to maintain water resistance.
- **Screen Care:** While protected by Gorilla Glass, avoid placing the phone face down on rough surfaces. Use the provided screen protector for added scratch resistance.
- **Battery Longevity:** Avoid fully discharging the battery frequently. For optimal battery health, try to keep the charge between 20% and 80%.
- **Temperature Exposure:** Do not expose the device to extreme temperatures (very hot or very cold) for extended periods, as this can affect battery life and internal components.
- **Water and Dust Resistance:** Ensure all port covers are securely closed before exposing the device to water or dust. The IP68/IP69K ratings are for specific conditions; prolonged or high-pressure exposure may compromise resistance.

Troubleshooting

- **Device Not Powering On:** Ensure the battery is charged. Connect the device to the charger and wait a few minutes before attempting to power it on again.
- **Poor Network Connectivity:** Check if your SIM cards are correctly inserted. Verify that mobile data is enabled in settings. If issues persist, contact your network provider.

- **Touchscreen Unresponsive:** Restart the device. If the issue occurs in specific apps, try clearing the app's cache or reinstalling it.
- **Battery Draining Quickly:** Check background app usage in battery settings. Reduce screen brightness and disable unnecessary features like GPS or Bluetooth when not in use.
- **Camera Issues:** Ensure the camera lenses are clean. Restart the camera app or the device.
- **Modular Accessories Not Working:** Ensure the accessories are securely attached. Check their respective settings or apps for proper configuration.

Specifications

Feature	Specification
Model Name	WP300 Smartphone
Brand	OUKITEL (YOYOSCX)
Operating System	Android 15
CPU Model	Mediatek Dimensity 7050 (6nm)
CPU Speed	2.6 GHz
RAM Memory	36GB (12GB Physical + 24GB Virtual)
Internal Storage	512GB (Expandable to 2TB via TF card)
Screen Size	6.8 Inches FHD+
Resolution	2460 x 1080
Refresh Rate	120 Hz
Main Camera	108MP
Front Camera	32MP
Battery Capacity	16000mAh
Fast Charging	45W
OTG Reverse Charging	18W
Durability Ratings	IP68/IP69K, MIL-STD-810G/H
Connectivity	5G, Bluetooth, NFC, USB, Wi-Fi, GPS
SIM Cards	Dual SIM (Nano+Nano/TF)
Product Dimensions	7 x 3.9 x 0.9 inches
Item Weight	1.12 pounds

Official Product Video

▶ **Watch video online**
WP300 Rugged Smartphone

Video 1: Official product overview of the OUKITEL WP300 Rugged Smartphone, showcasing its features and design.

Warranty and Support

The OUKITEL WP300 comes with a manufacturer's warranty. Please refer to the included Warranty Card in your product packaging for detailed terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact the seller or visit the official OUKITEL support website.
You can find additional information and support resources on the YOYOSCX Store on Amazon.

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