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> Ulefone Armor 22 Rugged Phone Instruction Manual

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Model: Armor 22 | Brand: Ulefone

1. PRODUCT OVERVIEW

The Ulefone Armor 22 is a rugged smartphone designed for durability and high performance in challenging environments. It features a 64MP dual camera system, a large 6600mAh battery, a 6.58-inch FHD+ 120Hz display, and runs on Android 14 with a MediaTek Helio G96 Octa-Core chipset. This device is built to withstand water, dust, and drops, meeting IP68/IP69K and MIL-STD-810H standards.



Image 1.1: Ulefone Armor 22 highlighting key features like camera, display, battery, and durability ratings.

2. WHAT'S IN THE BOX

Your Ulefone Armor 22 package includes the following items:

- Ulefone Armor 22 Smartphone
- Power Charger
- Data Cable
- SIM Needle
- Lanyard
- Tempered Glass Screen Protector
- Warranty Card
- Multiple-languages User Manual
- Charging Instruction Card
- Safety Prompt Card
- Multi Function Instruction Card

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Video 2.1: Unboxing the Ulefone Armor 22, showing the phone and included accessories.



Image 2.2: Visual representation of the Ulefone Armor 22 package contents, including the phone, charger, cable, and documentation.

3. SETUP

3.1 SIM and TF Card Installation

To install your SIM card(s) and/or TF (microSD) card:

1. Locate the SIM card tray on the side of the phone.
2. Insert the SIM needle into the small hole next to the tray to eject it.
3. Carefully pull out the tray.
4. Place your Nano SIM card(s) and/or TF card into the designated slots on the tray. Ensure they are correctly oriented.
5. Gently push the tray back into the phone until it clicks into place.

3.2 Powering On/Off

To power on your device, press and hold the Power button located on the side until the Ulefone logo appears. To power off, press and hold the Power button, then select 'Power off' from the options.

4. KEY FEATURES

4.1 64MP Dual Camera System with Night Vision

The Armor 22 features a powerful dual camera system, including a 64MP Sony IMX686 wide-angle lens for detailed photos and a 64MP night vision camera for clear images in complete darkness. It also includes an 8MP front camera for selfies and video calls.



Image 4.1: The 64MP Night Vision Camera with dual IR LEDs, capable of capturing clear images in low-light conditions.



Image 4.2: Demonstrates the 8MP front camera and the underwater camera mode for capturing aquatic scenes.

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Video 4.3: Demonstrates the camera performance of the Ulefone Armor 22, including underwater photography.

4.2 Long-Lasting 6600mAh Battery

Equipped with a 6600mAh battery, the Armor 22 provides extended usage times. It supports 33W fast charging, allowing a full charge in approximately 2 hours. The device also features reverse charging, enabling it to act as a power bank for other devices.

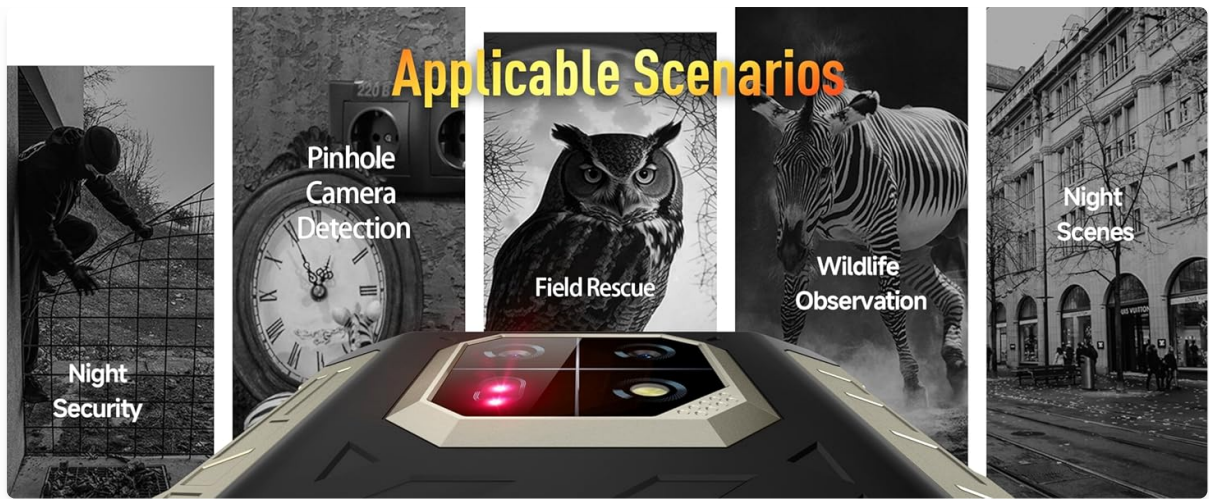


Image 4.4: Highlights the 6600mAh battery capacity, 33W fast charging, and reverse charging capabilities.

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Video 4.5: A battery life test of the Ulefone Armor 22, demonstrating its endurance during continuous night vision video recording.

4.3 Rugged Durability

The Armor 22 is built to military-grade standards (MIL-STD-810H) and boasts IP68/IP69K ratings, making it resistant to water, dust, and extreme temperatures. It can withstand drops from up to 1.5 meters.



Image 4.6: Illustrates the phone's waterproof, dust-proof, and drop-proof capabilities, adhering to military-grade standards.

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Video 4.7: A ruggedness test demonstrating the Ulefone Armor 22's resistance to various physical stresses.

4.4 6.58-inch FHD+ 120Hz Display

Enjoy smooth and vibrant visuals on the 6.58-inch FHD+ display with a 120Hz refresh rate and 1080 x 2408 resolution, providing an immersive viewing experience.



Image 4.8: Showcases the 6.58-inch FHD+ display with a 120Hz refresh rate for fluid visuals.

4.5 Powerful Performance with Android 14

Powered by the MediaTek Helio G96 Octa-Core chipset and up to 16GB of RAM (8GB physical + 8GB virtual), the Armor 22 delivers efficient multitasking and gaming performance. It runs on the latest Android 14 operating system for enhanced security and a customizable user experience.



Image 4.9: Highlights the Android 14 operating system with its enhanced features and customization options.

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Video 4.10: Demonstrates how to enable virtual memory expansion on the Ulefone Armor 22 to boost performance.

4.6 Global 4G Network Compatibility

The Armor 22 supports major global 4G LTE bands, ensuring connectivity in various regions. It is compatible with carriers like T-Mobile, Metro PCS, and Mint. **Note:** It is not compatible with AT&T, Cricket, Sprint, Boost Mobile, or CDMA carriers such as Verizon, Xfinity, Straight Talk, and U.S. Cellular. Please verify carrier compatibility before purchase.



Image 4.11: Displays various connectivity features including Dual 4G VoLTE, 2.4G/5G Wi-Fi, GPS, and the 3-card slot.

4.7 Multifunctional Features

The device includes NFC for Google Pay, fingerprint and face unlock for security, and an IR Blaster to control compatible home appliances. A customizable physical key allows quick access to preferred apps or functions. The Outdoor Toolbox provides useful utilities like a compass, flashlight, and pedometer.

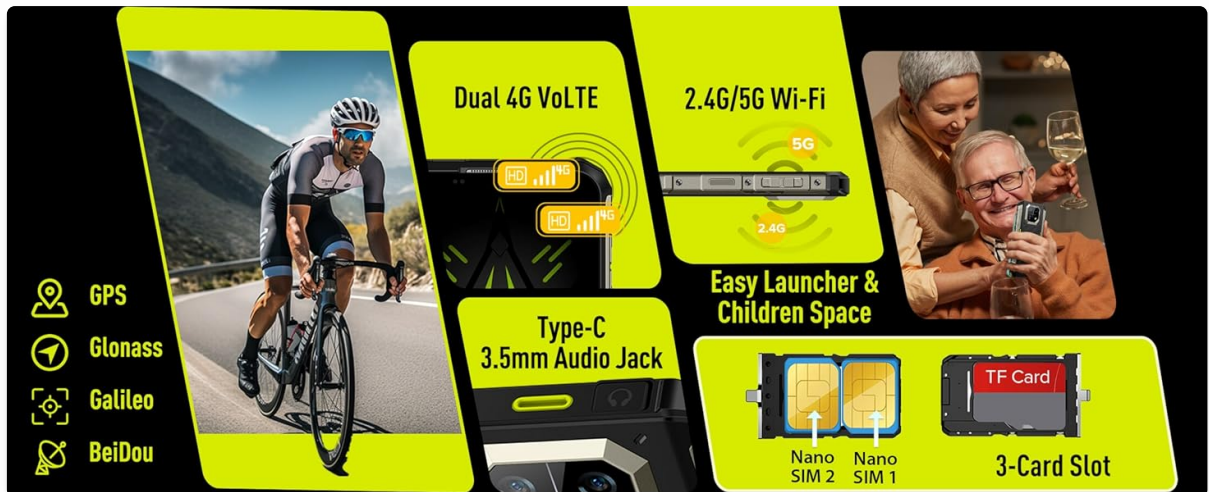


Image 4.12: Shows the IR Blaster feature, allowing the phone to control various home appliances like TVs and air conditioners.



Image 4.13: Illustrates NFC for contactless payments and OTG for connecting external devices or reverse charging.



Image 4.14: Displays the Outdoor Toolbox with various utility apps like Noise Test, Compass, Flashlight, and Pedometer.



Image 4.15: Features Gloves Mode for operation with gloves, a customizable key for quick actions, and fingerprint unlock.

5. OPERATING INSTRUCTIONS

5.1 Camera Usage

Open the Camera app to access various modes. Switch between standard photo, 64MP high-resolution, night vision, and underwater modes. The night vision camera is ideal for capturing clear images in dark environments, while the underwater mode allows for photography while submerged.

5.2 IR Blaster

Utilize the built-in IR Blaster to control infrared-enabled devices. Download a universal remote control app from the Play Store and follow the app's instructions to pair with your appliances.

5.3 NFC for Payments

Enable NFC in your phone settings and configure Google Pay or another compatible payment app to make contactless payments at supported terminals.

5.4 Fingerprint and Face Unlock

Set up fingerprint unlock via the side-mounted sensor and face unlock in the Security settings for convenient and secure access to your device.

5.5 Customizable Key

The physical customizable key on the side of the phone can be configured for single press, double press, or long press actions. Go to **Settings > Special Function > Custom Key** to assign functions like opening an app, activating the flashlight, or taking a screenshot.

5.6 Virtual Memory Expansion

To enhance multitasking and overall performance, you can expand the RAM virtually. Navigate to **Settings > Special Function > RAM Expansion** and select the desired virtual RAM size (e.g., 3GB, 5GB, 8GB). A device restart will be required for the changes to take effect.

5.7 Outdoor Toolbox

Access the pre-installed Outdoor Toolbox for a suite of utility applications useful for outdoor activities, including a compass, sound meter, flashlight, and more.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Ulefone Armor 22, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the device with a soft, damp cloth. For stubborn dirt, use mild soap and water. Ensure all ports are closed before cleaning with liquids.
- **Port Seals:** Always ensure the USB-C charging port and 3.5mm headphone jack seals are securely closed when not in use, especially before exposure to water or dust.
- **Temperature:** Avoid exposing the phone to extreme temperatures (very hot or very cold) for prolonged periods, as this can affect battery life and internal components.
- **Charging:** Use only the original charger and cable provided with the device to prevent damage and ensure efficient charging.
- **Software Updates:** Keep your device's software updated to the latest version to benefit from performance improvements, security patches, and new features.

7. TROUBLESHOOTING

If you encounter issues with your Ulefone Armor 22, refer to the following common troubleshooting steps:

- **Device Not Powering On:** Ensure the battery is charged. Connect the phone to its charger and wait a few minutes before attempting to power it on again. If it still doesn't turn on, try holding the Power button for 10-15 seconds for a forced restart.
- **Poor Network Signal:** Check if your SIM card is correctly inserted. Ensure you are within network coverage. Try restarting the device or toggling Airplane Mode on and off. Verify your carrier compatibility.
- **Apps Crashing/Freezing:** Close all background applications. Clear the cache of the problematic app (Settings > Apps > [App Name] > Storage > Clear Cache). If the issue persists, uninstall and reinstall the app.
- **Touchscreen Unresponsive:** Restart the device. If the screen is wet, dry it thoroughly. Ensure Gloves Mode is enabled if you are wearing gloves.
- **Battery Draining Quickly:** Reduce screen brightness, disable unnecessary features like Wi-Fi, Bluetooth, or GPS when not in use. Close background apps. Check battery usage in Settings to identify power-hungry apps.
- **Water/Dust Damage Concerns:** If the device has been exposed to water or dust, ensure all port

covers are sealed. If the device malfunctions after exposure, contact customer support. Do not attempt to open the device.

For more complex issues, please refer to the official Ulefone support resources or contact customer service.

8. SPECIFICATIONS

Feature	Specification
Brand	Ulefone
Operating System	Android 14
RAM Memory Installed Size	16 GB (8GB physical + 8GB virtual)
CPU Model	MediaTek Helio G96
CPU Speed	2.05 GHz
Memory Storage Capacity	128 GB
Flash Memory Supported Size Maximum	512 GB (via TF card, not included)
Screen Size	6.58 Inches
Resolution	1080 x 2408
Refresh Rate	120 hertz
Display Type	LCD
Rear Facing Camera Photo Sensor Resolution	64 MP (Wide-angle) + 64 MP (Night Vision)
Front Photo Sensor Resolution	8 MP
Shooting Modes	Underwater, Night Vision
Battery Capacity	6600 Milliamp Hours
Battery Charge Time	2 Hours (with 33W fast charging)
Battery Average Life (Standby)	360 Hours
Average Battery Life (Talk Time)	27 Hours

Feature	Specification
Water Resistance Level	Waterproof (IP68/IP69K)
Durability Standards	MIL-STD-810H
SIM Card Slot Count	Dual SIM
Connectivity Technology	4G LTE, Wi-Fi, Bluetooth
Biometric Security Feature	Fingerprint Recognition, Face Unlock
Additional Features	Expandable Memory, Fast Charging Support, Rugged Body, Supports USB OTG, Water Resistant, NFC, IR Blaster
Item Weight	324 Grams
Item Dimensions	6.96 x 3.34 x 0.59 inches

9. ACCESSORIES

Enhance your Ulefone Armor 22 experience with a range of compatible accessories, sold separately. These include the Armor Mount for vehicles and bikes, and the multifunctional Armor Case with a back clip and carabiner.



Image 9.1: The Armor Mount accessory, designed for secure phone placement in cars or on bikes.



Image 9.2: The Armor Case, offering additional protection and utility with a back clip and carabiner attachment.

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Video 9.3: Showcases available accessories for the Armor 22, including the Armor Mount and Armor Case, demonstrating their uses.

10. WARRANTY AND SUPPORT

The Ulefone Armor 22 comes with a 1-year warranty. For detailed warranty information, technical support, or service inquiries, please refer to the included Warranty Card or visit the official Ulefone website.

You can also find more information and support on the [Ulefone Brand Store](#).