Ulefone Ulefone Armor 24 Rugged Smartphone

Ulefone Armor 24 Rugged Phone
INSTRUCTION MANUAL

1. PRODUCT OVERVIEW

The Ulefone Armor 24 is a rugged smartphone designed for durability and extended use in challenging environments. It features a high-capacity battery, advanced camera system, and a powerful integrated camping light, making it suitable for outdoor activities and demanding professional use.

Image: The Ulefone Armor 24 Rugged Phone, showcasing its robust design, large display, and the prominent rear camping light. Key specifications like 24GB RAM, 256GB ROM, 22000mAh battery, and LED Camp Light are overlaid.

2. GETTING STARTED

2.1 Package Contents

- Ulefone Armor 24 Smartphone
- USB Cable
- Power Adapter
- SIM Needle

- User Manual

2.2 SIM and SD Card Installation

The Armor 24 supports a 3-card slot configuration, allowing for two SIM cards and one microSD card for storage expansion up to 2TB. Locate the SIM tray on the side of the device. Use the provided SIM needle to eject the tray. Insert your Nano-SIM cards and microSD card into the designated slots, ensuring correct orientation. Carefully reinsert the tray until it clicks into place.

2.3 Initial Charging

Before first use, fully charge the device. The Ulefone Armor 24 is equipped with a 22000mAh battery and supports 66W rapid charging. Connect the provided USB cable to the phone's charging port and the power adapter, then plug the adapter into a wall outlet. A full charge typically takes approximately 2.5 hours.

Image: An illustration highlighting the 22000mAh ultra-capacity battery of the Ulefone Armor 24, with icons indicating 1300 hours standby time, 100 hours call time, 33 hours video playback, and 2.5 hours for a full charge.

2.4 Powering On/Off

- **To Power On:** Press and hold the Power button (located on the right side) until the Ulefone logo appears.
- **To Power Off:** Press and hold the Power button, then select 'Power off' from the options displayed on the screen.

2.5 Network Compatibility

The Ulefone Armor 24 supports major global 4G LTE bands and is unlocked for all carriers. It is compatible with networks such as T-Mobile, Metro PCS, Mint Mobile, and Digicel. Please note that it is NOT compatible with AT&T, Cricket, Sprint, Boost Mobile, or CDMA carriers like Verizon, Xfinity, Straight Talk, or U.S. Cellular.

3. OPERATING YOUR DEVICE

3.1 Display Features

The device features a 6.78-inch FHD+ display with a 120Hz refresh rate, providing fluid visuals and responsive interaction. The screen is protected by Corning® Gorilla® Glass 5 for enhanced durability.

Image: The Ulefone Armor 24 display showing a vibrant image, emphasizing its 6.78-inch FHD+ resolution, 120Hz refresh rate, and 240Hz touch sampling rate, protected by Corning® Gorilla® Glass 5.

3.2 Camera System

The Armor 24 is equipped with a versatile camera system:

- **Main Camera:** 64MP IMX686 sensor for high-resolution photos.
- **Night Vision Camera:** 64MP with IR sensors, enhanced by NightElf Ultra 2.0 algorithm, for clear imaging in low-light or complete darkness.

- **Front Camera:** 16MP for selfies and video calls.
- **Underwater Camera Mode:** Allows for photography and videography while submerged.

64MP + 64MP Dual Main Camera
Advanced Photography Arise

Front Camera
16MP

Wide-Angle
64MP

Night Vision
64MP

IR LEDs
Two

Image: A detailed view of the Ulefone Armor 24's rear camera module, highlighting the 64MP wide-angle and 64MP night vision cameras with two IR LEDs, alongside the 16MP front camera. Sample photos demonstrate its capabilities in various conditions.

3.3 Integrated Camping Light

A powerful 1000 lumens LED light is built into the rear of the phone, featuring 510 lighting beads and 6W power. It offers three lighting modes: Lighting (constant), Sharp Light (focused beam), and SOS (flashing signal). This light is

ideal for outdoor activities and emergency situations.

Image: The Ulefone Armor 24 with its built-in LED light illuminated, demonstrating its use in a camping scenario. Specifications for the light, including 1000 max lumens, 510 LEDs, 6W max power, and IPX8 waterproof rating, are displayed.

3.4 Performance and Operating System

The Armor 24 is powered by a MediaTek Helio G96 8-core CPU (2.05GHz) and comes with up to 24GB RAM (12GB physical + 12GB virtual) and 256GB internal storage, expandable up to 2TB via microSD. It runs on the latest Android 14 operating system, providing enhanced security and a smooth user experience.
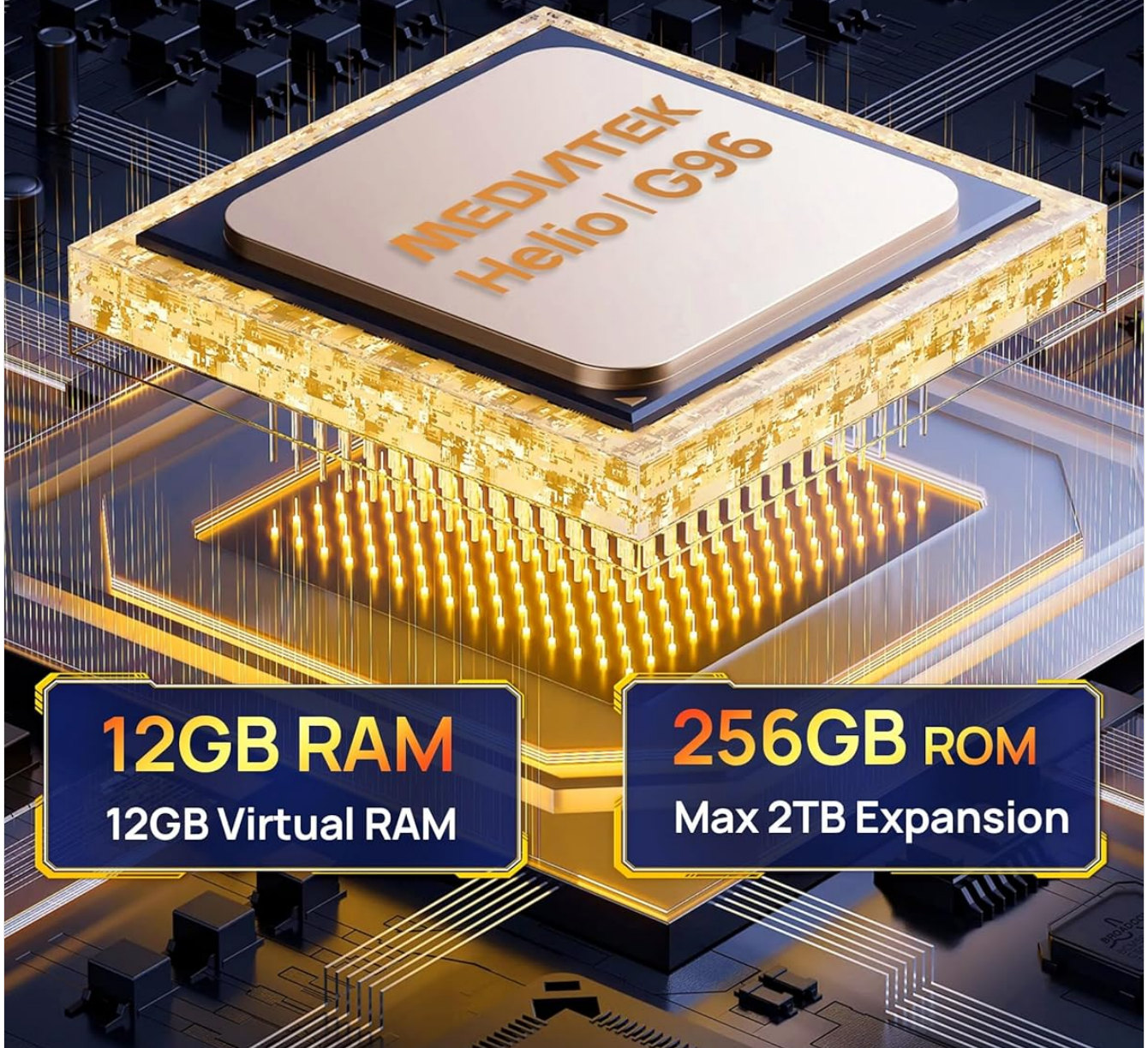
Image: A visual representation of the MediaTek Helio G96 processor and memory configuration of the Ulefone Armor 24, showing 12GB RAM (plus 12GB virtual RAM) and 256GB ROM with 2TB expansion capability.

3.5 Additional Features

- **Reverse Charging:** Allows the phone to act as a power bank to charge other devices (10W).
- **Fingerprint Unlock:** For secure and convenient access.
- **NFC + Google Pay:** Supports contactless payments and data transfer.
- **Headset-Free FM Radio:** Listen to FM radio without needing headphones as an antenna.

- **Custom Key:** A programmable button for quick access to frequently used functions.
- **Gloves Mode:** Enhances touch sensitivity for use with gloves.
- **Practical Toolkit:** Includes various utility tools.
- **Multi-Navigation System:** Supports GPS, GLONASS, Galileo, and BeiDou for accurate positioning.
- **IR Blaster:** Control compatible home appliances.
- **uSmart Expansion Connector:** Supports external accessories like endoscopes (uSmart E01/E02/E03) and microscopes (uSmart C01), sold separately.

4. DURABILITY AND MAINTENANCE

4.1 Ruggedness Certifications

The Ulefone Armor 24 is built to withstand harsh conditions, certified with:

- **IP68/IP69K Rating:** Provides resistance against dust, dirt, sand, and submersion in water up to 1.5 meters for 30 minutes. It also withstands high-pressure, high-temperature water jets.
- **MIL-STD-810H Certification:** Meets military standards for resistance to drops, shocks, extreme temperatures, humidity, and other environmental stressors.

Image: The Ulefone Armor 24 submerged in water, illustrating its IP68/IP69K waterproof capabilities and MIL-STD-810H certification for drop and dust resistance.

4.2 Cleaning and Care

To maintain your device's performance and appearance:

- Wipe the phone with a soft, damp cloth to remove dirt and dust.
- For stubborn grime, use a mild soap solution and rinse thoroughly with clean water, ensuring all ports are sealed.

- Avoid using harsh chemicals or abrasive materials.
- Ensure all port covers are securely closed to maintain water and dust resistance.
- Do not expose the device to extreme temperatures beyond its specified operating range for prolonged periods.

5. TROUBLESHOOTING

If you encounter issues with your Ulefone Armor 24, consider the following common solutions:

- **Device Not Powering On:** Ensure the battery is charged. Connect the charger and wait a few minutes before attempting to power on again.
- **Poor Network Signal:** Check your SIM card installation. Move to an area with better network coverage. Verify your carrier compatibility.
- **Apps Crashing/Slow Performance:** Close background applications. Clear app cache. Restart the device. Ensure sufficient storage space is available.
- **Charging Issues:** Check the charging cable and adapter for damage. Ensure the charging port is clean and free of debris.
- **Water/Dust Exposure:** If the device has been exposed to water or dust, ensure all ports are dry before charging. Do not open the device.

For persistent issues, please refer to the Warranty and Support section for contact information.

6. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	Ulefone Armor 24 Android 14 Rugged Smartphone
Operating System	Android 14
Processor	MediaTek Helio G96 (2.05 GHz CPU Speed)
RAM	24 GB (12GB physical + 12GB virtual)
Internal Storage	256 GB (Expandable up to 2TB via microSD)
Display Size	6.78 Inches FHD+ (120Hz Refresh Rate)
Main Camera	64 MP
Night Vision Camera	64 MP (with IR sensors)
Front Camera	16 MP
Battery Capacity	22000 mAh
Charging Time	2.5 Hours (66W Fast Charging)
Standby Time	Up to 1300 hours
Dimensions	7.13 x 3.43 x 1.08 inches
Item Weight	1.43 pounds (647 Grams)

Feature	Specification
Connectivity	4G LTE, Wireless, NFC, GPS
Durability	IP68/IP69K, MIL-STD-810H Certified
Camping Light	1000 Lumens, 510 LEDs, 6W

7. WARRANTY AND SUPPORT

Ulefone provides comprehensive support for the Armor 24 Rugged Phone:

- **Warranty:** The product comes with a 1-Year Non-artificial Damage Warranty.
- **Service:** Enjoy 1 Year Efficient Service.
- **Returns:** A 30-Day Return without Reason policy is available.
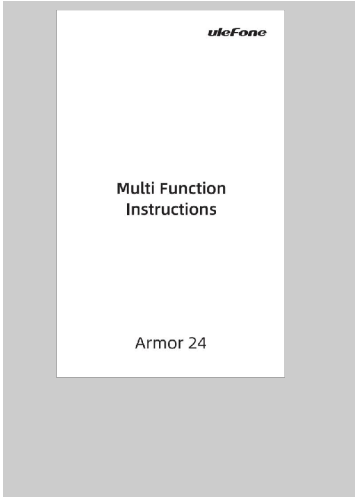- **Technical Support:** 24 Hours Technical Support is provided.

For further assistance, please visit the official Ulefone website or contact their customer service directly.

Related Documents

[Ulefone Armor X8i Rugged Smartphone - Specifications and Features](#)
Detailed specifications and features of the Ulefone Armor X8i rugged smartphone, including its MediaTek processor, 3GB RAM, 32GB storage, 5.7-inch HD+ screen, 5080mAh battery, and IP68/IP69K rating.

[Ulefone Armor X32 Pro 5G Smartphone Technical Specifications](#)
Detailed technical specifications for the Ulefone Armor X32 Pro 5G smartphone, including network capabilities, display details, performance specs, camera features, battery life, and connectivity options. Features a Mediatek Dimensity 6300 chipset, 256GB storage, 8GB RAM, and a 5500 mAh battery.

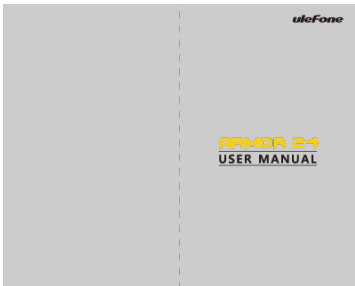|	
	[Ulefone Armor 8 Pro Rugged Smartphone - Specifications and Features](#) Detailed specifications for the Ulefone Armor 8 Pro, a rugged smartphone designed for outdoor use. Features include a MediaTek Helio P60 processor, Android 11, 16MP triple rear camera, 8MP front camera, 6.1" HD display, 5580mAh battery, IP68 water/dust resistance, and MIL-STD-810G certification.
	[Ulefone Armor Mini 20 Pro Series User Manual](#) Comprehensive user manual for the Ulefone Armor Mini 20 Pro Series, covering setup, features, safety information, and troubleshooting.

Documents - Ulefone – Ulefone Armor 24 Rugged Smartphone

[Ulefone Armor 24 Multi Function Instructions](#)
User guide for the Ulefone Armor 24 smartphone, detailing features like Underwater Camera, Wired Reverse Charging, Custom Key configuration, uSmart Expansion Connector, and RAM Expansion capabilities.
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[pdf] User Manual
User Manual Ulefone Armor 24 Rugged Smartphone 22000mAh 24GB 256GB 2TB 64MP Night Vision Android 13 6 78 Corning Gorilla Glass 120Hz 3 Card Slot 4G Mobile Phones SIM Free Unlocked NFC Electronics Photo B1fSp O95pL m media amazon images I |||
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