

[Manuals.plus](#) /

› [Ulefone](#) /

› Ulefone Armor 30 4G Android 15 Rugged Phone User Manual

Ulefone Armor 30

Ulefone Armor 30 4G Android 15 Rugged Phone User Manual

Model: Armor 30

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Ulefone Armor 30 4G rugged smartphone. Please read it thoroughly before operating your device to ensure optimal performance and longevity. The Ulefone Armor 30 is designed for durability and features advanced capabilities for various environments.



Image: Front and back view of the Ulefone Armor 30, highlighting its rugged design and rear camera module with LED light.

2. SAFETY INFORMATION

- **Water and Dust Resistance:** The device is IP68/IP69K rated and MIL-STD-810H certified. Ensure all ports are securely closed before exposure to water or dust.
- **Temperature:** Operate the device within recommended temperature ranges (-30°C to 55°C). Extreme temperatures can affect battery life and device performance.
- **Charging:** Use only Ulefone-approved chargers and cables. Improper charging can damage the device or cause safety hazards.
- **Disassembly:** Do not attempt to disassemble or modify the device. This will void the warranty and may cause damage.
- **Hearing Protection:** Avoid prolonged listening at high volume levels to prevent hearing damage.

3. SETUP

3.1 Unboxing and Package Contents

Verify that all items are present in the package:

- Ulefone Armor 30 4G Smartphone
- AC power charger (100~240V)
- Type-C to Type-C Data cable (100cm)
- Screen Protector
- SIM Tray Ejector
- Lanyard

3.2 SIM Card and MicroSD Card Installation

The Armor 30 supports a 3-card slot configuration (2 Nano-SIM cards + 1 MicroSD card). Use the provided SIM tray ejector to open the SIM card slot on the side of the device. Insert your Nano-SIM cards and/or MicroSD card into the tray, ensuring correct orientation. Close the tray securely to maintain water and dust resistance.

3.3 Initial Charging and Power On

Before first use, fully charge your device using the provided 66W fast charger and Type-C cable. To power on, press and hold the power button located on the side of the phone until the Ulefone logo appears. For network compatibility, please note that this device is not compatible with AT&T or Cricket networks.

12800mAh Battery

66W Fast Charging & 2-Day Charge, Fun Unlimited



690 Hours
Standby Time



69 Hours
Call Time



16 Hours
Video Playback

12800mAh



Also Reliable at
55°C/131°F



Extreme Weather Friendly at
-30°C/-22°F

*Power consumption data above are from Ulefone lab, which will be varied by actual usage.

66W Fast Charging

Just plug in for a few minutes,
66W fast charging will quickly replenish
your device.



10W Reverse Charging

Emergency Power Bank



Image: Illustration of the 12800mAh battery capacity, 66W fast charging, and 10W reverse charging capabilities of the Ulefone Armor 30.

4. OPERATING INSTRUCTIONS

4.1 Android 15 Operating System

Your Ulefone Armor 30 runs on Android 15, offering enhanced privacy features, improved security, and a seamless user experience. Navigate using gestures or on-screen buttons. Explore the settings menu to customize your device.

6.95" FHD+ IMAX Screen & 700 nits



Image: Screenshots demonstrating key features of Android 15, including privacy controls, app pairing, and enhanced security.

4.2 Camera System

The Armor 30 features a versatile camera setup:

- **50MP Main Camera:** For high-resolution photos.
- **50MP Ultra-Wide Camera:** Captures broader scenes.
- **64MP Infrared Night Vision Camera:** Enables clear imaging in low-light or complete darkness.
- **32MP Front Camera:** For selfies and video calls.

A dedicated physical camera key allows for quick access: long press to launch the camera app, and a gentle press to capture a photo.

Ultra-High Resolution Imaging System

32MP
Front Camera

50MP
Ultra-Wide
(1/1.3 Ultra-large Sensor)

50MP
Main Camera

64MP
Night Vision



64MP Night Vision



32MP Front Camera



50MP Main Camera



Underwater Camera



50MP Ultra-Wide



Image: Detailed view of the Ulefone Armor 30's multi-camera system, including the 64MP Night Vision, 50MP Main, 50MP Ultra-Wide, and 32MP Front cameras.

4.3 Versatile LED Light and Warning Light

The integrated LED light provides 1236 Lumens for long-range illumination, suitable for various outdoor activities. The Warning Light functions as an emergency beacon with one-touch activation, offering constant or blinking modes for critical alerts.

Built-in Versatile LED Light

Enjoy Outdoors, Day or Night

-  **1236**
Max Lumens
-  **828**
LEDS
-  **6.84 W**
Max Power
-  **IPX8**
Waterproof



One-Key Lighting



Maintenance



Camping



Hiking



Cycling



Emergency Lighting



Shooting Fill Light

Warning Light Emergency Beacon



One-touch
Emergency Alert



Constant



Blink



44 LED Beads
High Brightness

Image: Demonstrates the powerful 1236 Lumen LED light and the emergency warning light feature on the Ulefone Armor 30.

4.4 Loudspeaker and Infinite Halo 2.0

Experience powerful audio with the 118dB loudspeaker. The Infinite Halo 2.0 feature provides dynamic lighting effects that adjust based on music, calls, notifications, or charging status, enhancing user interaction.

118dB Loudspeaker & 4W Powerful Sound



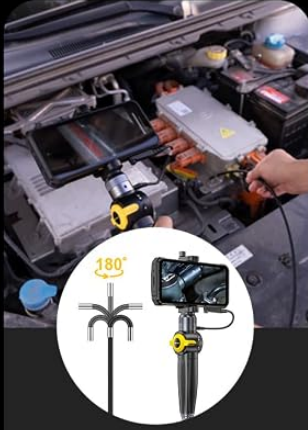
Image: Highlights the 118dB loudspeaker and the customizable Infinite Halo 2.0 lighting system on the Ulefone Armor 30.

4.5 Other Features

- **Customizable Key:** Assign specific functions for single press, double press, or long press.
- **Biometric Security:** Fingerprint recognition and face unlock for secure access.
- **NFC:** For contactless payments and data transfer.
- **Navigation:** Supports GPS, GLONASS, Beidou, Galileo, and QZSS for accurate positioning.
- **IR Transmitter:** Control compatible infrared devices.

- **FM Radio:** Listen to radio without headphones.
- **3.5mm Jack:** For wired audio accessories.
- **uSmart Expansion Connector:** Connect professional accessories like endoscopes (uSmart E01/E02/E03) or microscopes (uSmart C01). These accessories are sold separately.

uSmart Expansion Connector



uSmart E03
endoscopes



uSmart E02
endoscopes



uSmart E01
endoscopes



uSmart C01
microscope

Accessories Ecosystem

Gear Up, Go Beyond



Armor Molle Holster
Universal Tactical Phone Pouch



Armor Mount (Next-gen)
Multi-use Suction Cup Phone Mount



Armor Mount Pro
Versatile Bike Mount

*All Accessories sold separately.

Image: Demonstrates the uSmart Expansion Connector on the Ulefone Armor 30, showing compatibility with various external tools like endoscopes and microscopes.

5. MAINTENANCE

5.1 Device Care and Cleaning

Despite its rugged design, proper care ensures longevity. Regularly clean the device with a soft, damp cloth. Ensure all port covers are sealed when not in use to maintain water and dust resistance. Avoid exposing the device to harsh chemicals.

5.2 Battery Management

The 12800mAh battery provides extended usage. To maximize battery life, avoid fully discharging the battery frequently. Use the 66W fast charging for quick power replenishment. The 10W reverse charging feature allows the Armor 30 to act as a power bank for other devices.

6. TROUBLESHOOTING

If you encounter issues with your Ulefone Armor 30, consider the following basic troubleshooting steps:

- **Device unresponsive:** Press and hold the power button for 10-15 seconds to force a restart.
- **Charging issues:** Ensure the charger and cable are securely connected and undamaged. Try a different outlet.
- **Network connectivity:** Check SIM card installation, ensure mobile data is enabled, or try restarting the device. Remember, the device is not compatible with AT&T or Cricket.
- **App malfunctions:** Clear the app's cache and data in settings, or uninstall and reinstall the app.

For more detailed assistance, refer to the built-in service center app on your device, which provides access to technical support and FAQs.

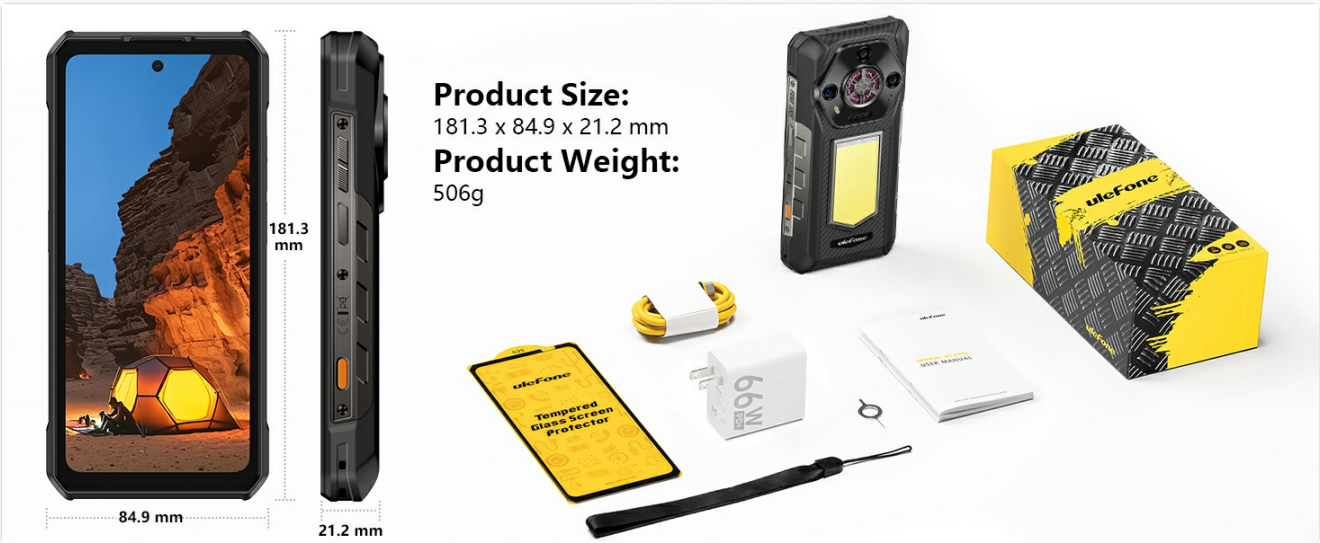


Image: Screenshot of the Ulefone Exclusive Service Center app interface, showing options for support and FAQs.

7. SPECIFICATIONS

Feature	Detail
Model Number	Ulefone Armor 30 4G
Operating System	Android 15
Processor	MediaTek Helio G100
RAM	Up to 24GB (12GB + 12GB Extended)

Feature	Detail
Internal Storage	512GB (Expandable up to 2TB via MicroSD)
Display	6.95 inches FHD+ (2460x1080), 120Hz Refresh Rate, Corning Gorilla Glass 5, 700 nits Peak Brightness
Rear Cameras	50MP Main, 50MP Ultra-Wide, 64MP Infrared Night Vision
Front Camera	32MP
Battery Capacity	12800mAh
Charging	66W Fast Charging, 10W Reverse Charging
Durability	IP68/IP69K, MIL-STD-810H Certified
Connectivity	4G, NFC, GPS, GLONASS, Beidou, Galileo, QZSS, IR Transmitter, FM Radio, 3.5mm Jack
Dimensions	181.3 x 84.9 x 21.2 mm
Weight	506g

6.95-inch IMAX Screen

Immersive, Cinematic Visuals

120Hz



Peak Brightness
700 nits
Easy to read in strong sunlight.

120Hz
Ultra High Refresh Rate

1080 x 2460
Resolution

387 PPI
Pixel Density

Corning Gorilla Glass 5

Double the Protection



Widevine L1 Certified

Binge in HD on Netflix and Disney+



Image: Close-up of the Ulefone Armor 30's 6.95-inch FHD+ 120Hz display, highlighting its immersive visual capabilities and Corning Gorilla Glass 5 protection.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Ulefone website or contact your local dealer. The built-in service center app on your device also provides direct access to support resources and frequently asked questions.

Ulefone is committed to providing reliable products and customer service. Please retain your proof of purchase for

warranty claims.

