Ulefone Armor X31 Pro 5G Phone-Black

Ulefone Armor X31 Pro 5G Rugged Smartphone User Manual

Model: Armor X31 Pro 5G Phone-Black

Brand: Ulefone

Product Overview

The Ulefone Armor X31 Pro 5G is a rugged smartphone engineered for extreme durability and high performance. It integrates a powerful MediaTek Dimensity 6300 Octa-Core processor, generous storage capacity expandable up to 2TB, and the latest Android 14 operating system for a smooth user experience. Key features include advanced camera systems with a 64MP main camera and a 25MP night vision camera, a robust 6050mAh battery with 18W fast charging and reverse charging capabilities, and comprehensive protection against water, dust, and shocks, making it an ideal companion for demanding environments.



Figure 1: Ulefone Armor X31 Pro 5G Rugged Smartphone

Package Contents

Please verify that all items listed below are included in your package:

- 1x Ulefone Armor X31 Pro 5G Smartphone
- 1x AC power charger (100~240V)
- 1x Type-C to Type-C Data Cable (100cm)
- 1x Screen Protector (pre-installed)
- 1x SIM Tray Ejector
- 1x Lanyard
- 1x Multi-language User Manual

- 1x Multi-function Instruction Card
- 1x Charging Instruction Card
- 1x Safety Prompt Card
- 1x Accessories Ecosystem Brochure
- 1x Service Center APP Instructions

Initial Setup

SIM Card and MicroSD Card Installation

The Armor X31 Pro supports dual Nano SIM cards and one microSD card for expanded storage, utilizing a 3-card slot design. Use the provided SIM tray ejector to open the tray.

1. Locate the SIM tray on the side of the device.
2. Insert the SIM tray ejector tool into the small hole next to the tray and push gently until the tray pops out.
3. Place your Nano SIM cards and/or microSD card into the designated slots on the tray, ensuring correct orientation.
4. Carefully reinsert the tray back into the phone until it clicks into place.

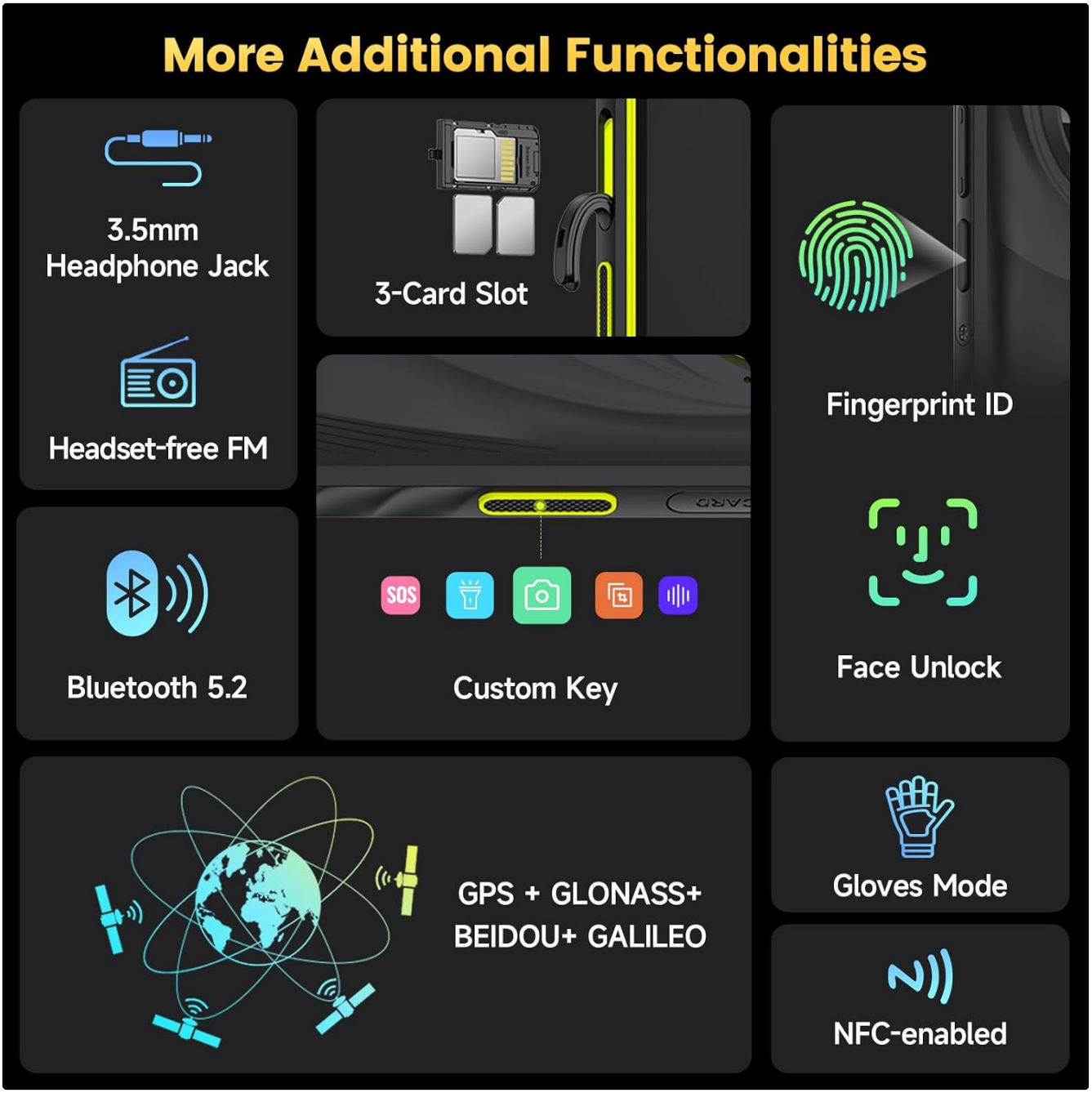


Figure 2: SIM and MicroSD Card Slot Location

First Power On

To power on your Ulefone Armor X31 Pro for the first time, press and hold the Power button located on the side of the device until the Ulefone logo appears on the screen. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, and Google account setup.

Charging the Device

The device is equipped with a 6050mAh battery and supports 18W fast charging. Use the provided AC power charger and Type-C to Type-C data cable for optimal charging performance.

1. Connect the Type-C end of the data cable to the charging port on your phone.
2. Connect the other end of the cable to the AC power charger.
3. Plug the AC power charger into a wall outlet.
4. A charging indicator will appear on the screen.

The Armor X31 Pro also supports reverse charging, allowing you to use your phone as a portable power bank to charge other devices. An OTG cable (not included) is required for this function.



Figure 3: Battery and Charging Features

Operating Your Device

Display and Performance

The Ulefone Armor X31 Pro features a 6.56-inch display with a 120Hz refresh rate, providing a smooth and immersive visual experience. With a maximum brightness of 800 nits, the screen remains clear and readable even in bright outdoor conditions. Powered by the MediaTek Dimensity 6300 Octa-Core processor and 16GB RAM (8GB physical + 8GB virtual), the device ensures responsive performance for all your applications and multitasking needs. It runs on Android 14, offering enhanced privacy features, wider accessibility options, and a user-friendly interface.



Figure 4: Core Performance and OS

Camera Features

Capture stunning photos and videos with the Armor X31 Pro's versatile camera system:

- **64MP Main Camera:** Equipped with a Sony IMX682 sensor for high-resolution images.
- **25MP Night Vision Camera:** Allows clear visibility and capture in dimly lit or completely dark environments.
- **16MP Front Camera:** For high-quality selfies and video calls.
- **Underwater Mode:** Take photos and videos even while swimming or diving.



Figure 5: Professional-Grade Optics

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Video 1: Ulefone Armor X31 Pro Night Vision Camera Test. This video demonstrates the capabilities of the 25MP night vision camera in various low-light conditions, capturing clear black and white footage.

Connectivity

The Armor X31 Pro offers comprehensive connectivity options:

- **5G Network:** Experience lightning-fast download and upload speeds with low latency.
- **Bluetooth 5.2:** For stable and efficient wireless connections with accessories.
- **NFC:** Supports mobile payments and quick data transfer.
- **GPS:** Integrated GPS, GLONASS, BEIDOU, and GALILEO for accurate navigation.



Figure 6: 5G Network Connectivity

Special Features

Enhance your daily usage with these additional functionalities:

- **120 Lumen Flashlight:** An independent, powerful flashlight for illuminating dark environments.
- **Google Lens Support:** Utilize your camera for instant translation, image search, and object identification.
- **IR Remote Control:** Control various home appliances directly from your phone.
- **Fingerprint ID & Face Unlock:** Secure and convenient biometric authentication.
- **Custom Key:** A programmable button for quick access to frequently used functions.
- **FM Radio:** Enjoy radio without needing headphones (headset-free FM).
- **3.5mm Headphone Jack:** For traditional wired audio connections.
- **Notification LED:** Provides visual alerts for notifications.
- **Widevine L1 Certified:** For accessing HD video content on streaming platforms like Netflix, Disney+, and Amazon Prime Video.



Figure 7: Independent Flashlight

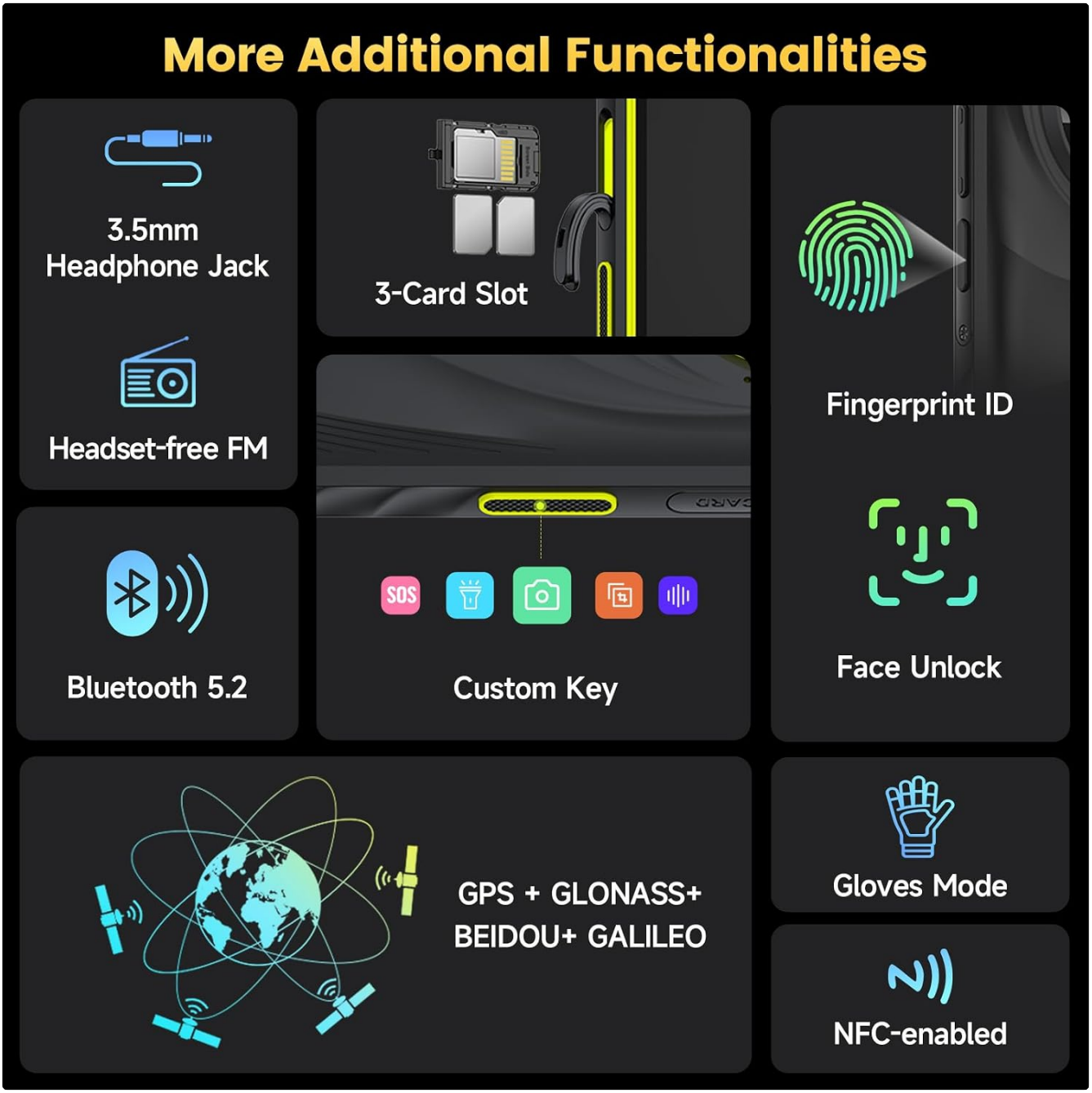


Figure 8: Additional Functionalities

Maintenance and Care

Ruggedness Features

The Ulefone Armor X31 Pro is built to withstand harsh conditions, certified with IP68/IP69K and MIL-STD-810H standards. This means it is:

- **Waterproof:** Can be submerged up to 2 meters deep for up to 30 minutes.
- **Shockproof:** Designed to withstand drops from a height of 2 meters without damage.
- **Dustproof:** Fully protected against dust, dirt, and sand ingress.
- **Corning Gorilla Glass 5:** The screen is protected by durable Gorilla Glass 5 against scratches and impacts.

To maintain its ruggedness, ensure all port covers are securely closed before exposing the device to water or dusty environments.



Figure 9: Warrior-Level Protection

Battery Care

To maximize the lifespan of your 6050mAh battery:

- Avoid extreme temperatures (hot or cold) as they can degrade battery performance.
- Do not fully discharge the battery frequently; charge it before it drops below 20%.
- Use only the original charger and cable provided with the device.
- If storing the device for an extended period, charge it to about 50% and power it off.

Troubleshooting Common Issues

This section provides solutions to common problems you might encounter with your Ulefone Armor X31 Pro.

Device Not Powering On

- Ensure the battery is charged. Connect the charger and wait a few minutes before attempting to power on.
- Press and hold the Power button for at least 10-15 seconds to perform a forced restart.

Network Connectivity Issues

- Check if your SIM card is properly inserted.
- Verify that mobile data is enabled in your phone settings.
- Restart the device.
- **Important Note:** This phone is not compatible with AT&T, Cricket, or CDMA carriers such as Sprint and Verizon. Ensure your carrier is supported.

Camera Not Working

- Ensure the camera app has necessary permissions in settings.
- Clear the cache and data of the camera app (Settings > Apps > Camera > Storage > Clear Cache/Clear Data).
- Restart the device.

Slow Performance

- Close unnecessary background applications.
- Clear temporary files and cache regularly.
- Ensure you have sufficient free storage space.
- Consider performing a factory reset as a last resort (back up your data first).

Technical Specifications

Feature	Specification
Model Name	Armor X31 Pro 5G Phone-Black
Operating System	Android 14
Processor	MediaTek Dimensity 6300 Octa-Core 2.4GHz
RAM	16GB (8GB physical + 8GB virtual)
Internal Storage	256GB
Expandable Storage	Up to 2TB with microSD card
Display Size	6.56 Inches
Display Resolution	2340 x 1080
Main Camera	64MP
Night Vision Camera	25MP
Front Camera	16MP
Battery Capacity	6050 mAh
Charging	18W Fast Charge, Reverse Charging

Feature	Specification
Durability Ratings	IP68/IP69K Waterproof, Shockproof, Dustproof (MIL-STD-810H)
Connectivity	5G, Bluetooth 5.2, NFC, GPS (GLONASS, BEIDOU, GALILEO)
Audio Jack	3.5 mm
Item Weight	10.8 ounces
Package Dimensions	6.84 x 3.23 x 0.54 inches

Warranty and Support

Ulefone provides a standard warranty for the Armor X31 Pro 5G. Please refer to the warranty card included in your package for specific terms and conditions, including coverage duration and service procedures.

For technical assistance, troubleshooting, or service inquiries, you can utilize the Exclusive Service Center App pre-installed on your device. This app provides direct access to support resources and information.

You can also visit the official Ulefone store for more information and support: Ulefone Store

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