

Ulefone Armor X13

Ulefone Armor X13 Rugged Phone User Manual

Model: Armor X13 | Brand: Ulefone

INTRODUCTION

This user manual provides comprehensive instructions for the Ulefone Armor X13 Rugged Phone. Designed for durability and performance in challenging environments, the Armor X13 features advanced camera capabilities, a robust battery, and a resilient build. Please read this manual thoroughly to ensure proper use and maintenance of your device.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x Ulefone Armor X13 Phone
- 1x AC Power Charger (100~240V /US plug)
- 1x Data Cable (100cm)
- 1x Protective Film (Pre-installed)
- 1x Tempered Glass Screen Protector
- 1x SIM pick + Lanyard
- 1x Multi-language User Manual
- 1x Multi Function Instruction Card
- 1x Charging Instruction Card
- 1x Safety Prompt Card

Dual 4G VoLTE & Dual Band WiFi

GPS + GLONASS + Beidou + Galileo Navigation

Dual 4G VoLTE are supported to make high quality HD calls while dual band WiFi offers better WiFi performance and less interference. Wider 4G frequency bands ensures great signals without frequently dropping off. Complete navigation system helps you arrive at the right destination by accurate positioning.

4G Global Network:

GSM: B2/3/5/8

WCDMA: B1/2/4/5/8

LTE-FDD: B1/2/3/4/5/7/8/12/17/19/20/28A/28B/66

LTE-TDD: B34/38/39/40/41

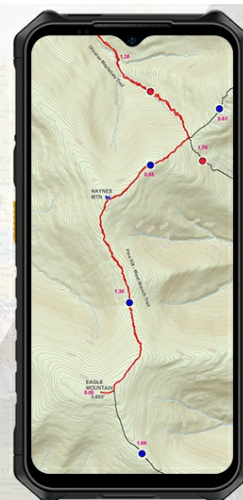


Image: Contents of the Ulefone Armor X13 retail package, including the phone, charger, cables, and documentation.

SETUP

1. SIM Card and TF Card Installation

The Ulefone Armor X13 supports a 3-card slot configuration, allowing for two Nano-SIM cards and one TF (microSD) card simultaneously.

1. Locate the SIM card tray on the side of the phone.
2. Insert the provided SIM pick into the small hole next to the tray to eject it.
3. Place your Nano-SIM cards and/or TF card into the designated slots on the tray, ensuring correct orientation.
4. Carefully reinsert the tray into the phone until it is flush with the device body.

6320mAh Mega Battery

Also a portable power bank



294 Hours
Standby



29 Hours
Calling



13 Hours
Video



Image: Close-up view of the Ulefone Armor X13's 3-card slot, showing space for two SIM cards and one TF card.

2. Initial Power On and Charging

Before first use, it is recommended to fully charge your device.

- Connect the data cable to the phone's USB-C port and the AC power charger.
- Plug the charger into a power outlet. The charging indicator will appear on the screen.
- Once fully charged, press and hold the Power button (located on the right side) until the Ulefone logo appears to power on the device.
- Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, and Google account setup.

6.52" Large Screen

The Largest Screen in the Armor X Series



6.52"
HD+ Display



20:9
Aspect Ratio



720*1600
Resolution



Image: Diagram illustrating the large 6320mAh battery capacity of the Ulefone Armor X13, highlighting its long standby, call, and video times.

KEY FEATURES OVERVIEW

Display

The Armor X13 features a large 6.52-inch HD+ display with a 20:9 aspect ratio and 720x1600 resolution, providing an immersive visual experience for media consumption and daily tasks.

12GB(6+6)RAM+64GB ROM/256GB Extended

6GB + 6GB = 12GB
RAM Virtual RAM RAM

64GB
ROM

256GB
TF Extended



Image: The Ulefone Armor X13 showcasing its 6.52-inch large display, ideal for viewing content.

Performance

Equipped with an octa-core processor, the Armor X13 offers smooth performance. It comes with 6GB of RAM, expandable to 12GB with virtual RAM, and 64GB of internal storage, expandable up to 256GB via TF card, ensuring ample space for apps and media.

50MP Main Camera

24MP IR Night Vision Camera



50MP
Main Camera



24MP
Night Vision Camera



8MP
Front Camera

Image: Visual representation of the Ulefone Armor X13's memory specifications: 6GB RAM + 6GB Virtual RAM (total 12GB), 64GB ROM, and 256GB TF Extended storage.

Cameras

The device features a versatile camera system:

- **50MP Main Camera:** Utilizes a Samsung S5KJN1 CMOS sensor with an $f/1.8$ aperture for high-quality images in various lighting conditions.
- **24MP NightElf 2.0 Night Vision Camera:** Enhanced infrared sensor and NightElf 2.0 algorithm for clear photos and wildlife observation in low light or complete darkness.
- **8MP Front Camera:** For selfies and video calls.

Latest Android 14 OS



Image: Overview of the Ulefone Armor X13's camera setup, highlighting the 50MP main camera and 24MP IR Night Vision Camera.

Durability and Protection

The Armor X13 is built to withstand harsh environments, complying with IP68/IP69K and MIL-STD-810H standards.

- **Waterproof:** Submersible up to 1.5 meters for 30 minutes.
- **Dustproof:** Fully protected against dust ingress.
- **Drop Resistance:** Designed to survive drops from up to 1.5 meters onto concrete.

IP69K certified



30 Minutes
1.5m Water Deep

Anti fall



24 Hours
1M Concrete Deep

Anti dust



1.5M
Drop Resistance



Image: Demonstrates the Ulefone Armor X13's IP69K certification, anti-fall, and anti-dust capabilities through various scenarios like submersion, being covered in dirt, and surviving drops.

Operating System

The Armor X13 runs on Android 14, offering enhanced privacy features, improved notification permissions, and a secure user experience.



Image: The Ulefone Armor X13 displaying its Android 14 operating system, highlighting the 50MP camera and night vision capabilities.

Connectivity

The phone supports Dual 4G VoLTE for high-quality HD calls and dual-band Wi-Fi for stable internet connectivity. It also includes NFC for convenient mobile payments and GPS for accurate navigation.

- **4G Global Network:** LTE-FDD: B1/2/3/4/5/7/8/12/17/19/20/28A/28B/66; LTE-TDD: B34/38/39/40/41
- **WCDMA:** B1/2/4/5/8
- **GSM:** B2/3/5/8
- *Note: Compatible with T-Mobile. Not compatible with AT&T, Cricket, Verizon, Sprint, and Boost Mobile.*

Other Features

- **Customized Key:** A programmable button for quick access to frequently used functions.
- **Headset-free FM:** Listen to FM radio without needing headphones as an antenna.
- **Gloves Mode:** Allows for touchscreen operation while wearing gloves.
- **Multi-Purpose Outdoor Toolbox:** Includes tools like Noise Test, Compass, Flashlight, Gradiometer, Height Meter, Magnifier, Hanging Painting, Alarm Bell, Plumb Bob, and Protractor.

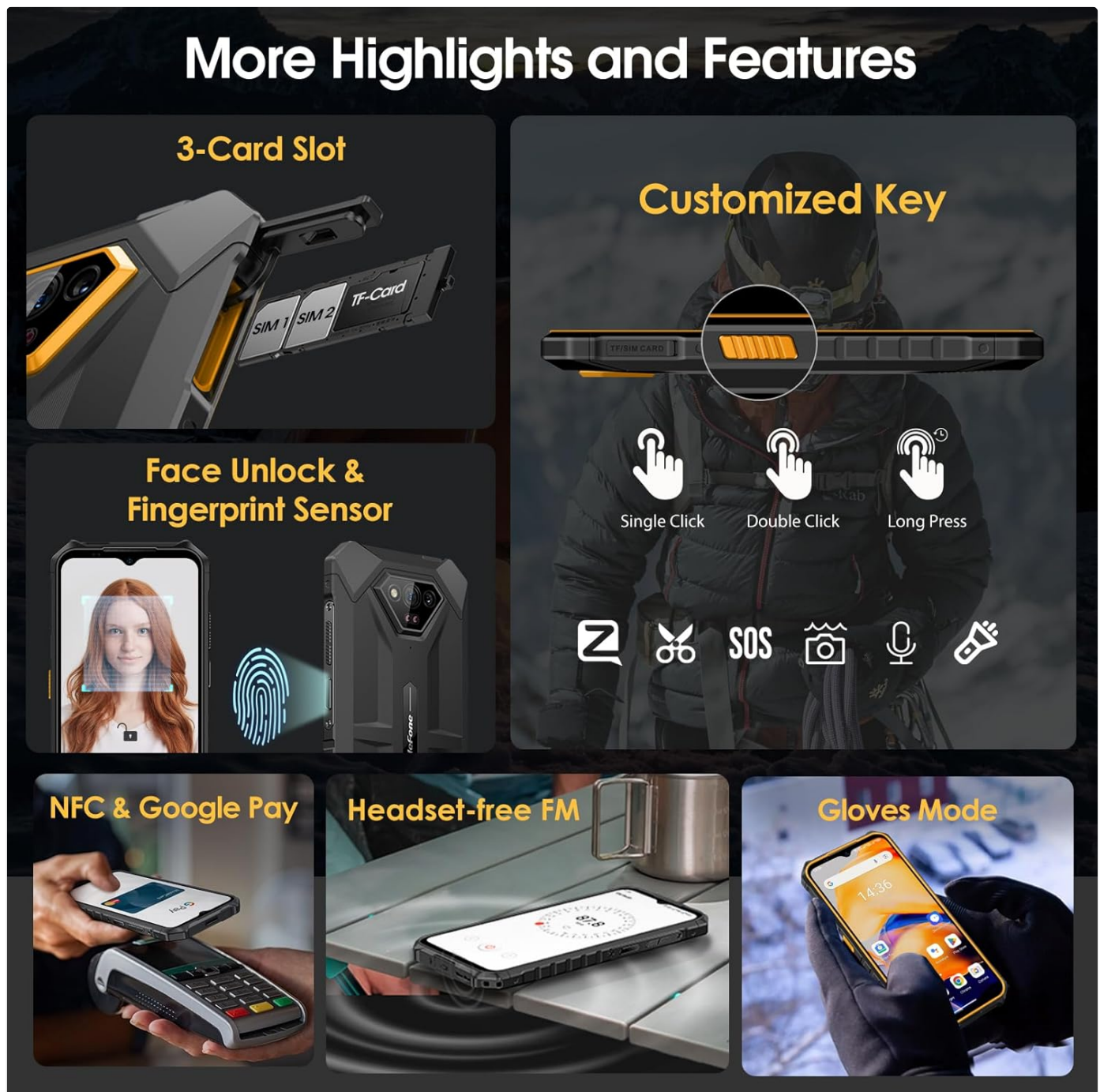


Image: Highlights additional features of the Ulefone Armor X13, including the 3-card slot, customized key, face unlock & fingerprint sensor, NFC & Google Pay, headset-free FM, and gloves mode.

OPERATING INSTRUCTIONS

Basic Navigation

The Ulefone Armor X13 uses a standard Android touchscreen interface. Navigate by tapping, swiping, pinching, and long-pressing on the screen.

- **Tap:** Select an item or open an application.

- **Swipe:** Scroll through lists, home screens, or pages.
- **Pinch:** Zoom in or out on photos and web pages.
- **Long Press:** Access contextual menus or move icons.

Using the Cameras

To access the camera, tap the Camera icon on your home screen or app drawer. Switch between Main, Night Vision, and Front cameras within the camera app interface.

- **Main Camera (50MP):** Ideal for general photography in well-lit conditions.
- **Night Vision Camera (24MP):** Activate this mode for clear images in low-light or dark environments. The infrared emitters will assist in illuminating the scene.
- **Underwater Camera:** The phone is waterproof. Before submerging, ensure all ports are securely sealed. Use the physical volume buttons to capture photos or videos underwater.

Your browser does not support the video tag.

Video: Official Ulefone Armor X13 Rugged Phone promotional video, showcasing its durability, camera features, and overall performance in outdoor settings.

Customized Key

The customized key on the side of the phone can be programmed for various functions. Go to **Settings > Smart Key** to assign actions for single click, double click, and long press. Common assignments include Push-to-Talk (PTT), flashlight, or quick camera launch.

NFC and Google Pay

The Armor X13 is NFC-enabled, allowing for contactless payments and data transfer. Ensure NFC is enabled in **Settings > Connected devices > Connection preferences > NFC**. Set up Google Pay or other payment apps to use this feature.

Gloves Mode

For enhanced touchscreen sensitivity when wearing gloves, activate Gloves Mode in **Settings > Smart Assistant > Gloves Mode**. This feature is particularly useful in cold weather or industrial environments.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Ulefone Armor X13.

- **Cleaning:** Use a soft, damp cloth to clean the phone's exterior. Avoid harsh chemicals or abrasive materials.
- **Water and Dust Protection:** While rugged, always ensure all port covers (USB-C, SIM tray) are securely closed before exposing the phone to water or excessive dust. Rinse with fresh water after exposure to saltwater or chemicals.
- **Battery Care:** To prolong battery life, avoid extreme temperatures. Do not fully discharge the battery regularly. Use only the provided charger or certified compatible chargers.
- **Software Updates:** Regularly check for and install system updates to ensure your phone has the latest security patches and performance improvements. Go to **Settings > System > System update**

TROUBLESHOOTING

This section addresses common issues you might encounter with your Ulefone Armor X13.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Phone does not power on	Low battery; software crash	Charge the phone for at least 30 minutes. Perform a forced restart by holding the Power button for 10-15 seconds.
Poor network signal	Out of network coverage; incorrect APN settings	Move to an area with better coverage. Check APN settings with your carrier. Ensure SIM card is properly inserted.
Apps freezing or slow performance	Too many apps running; low storage; outdated software	Close background apps. Clear cache and unnecessary files. Update the operating system and apps. Restart the phone.
Cannot connect to Wi-Fi	Incorrect password; router issue; Wi-Fi disabled	Verify Wi-Fi password. Restart your router. Toggle Wi-Fi off and on on the phone.
Night Vision camera not working	Feature not selected; lens obstructed	Ensure Night Vision mode is selected in the camera app. Clean the camera lens and infrared emitters.

SPECIFICATIONS

Detailed technical specifications for the Ulefone Armor X13:







- Model Name:** Ulefone Armor X13 12+64GB Rugged Phone
- Operating System:** Android 14
- CPU Model:** MediaTek Kompanio 800T (Octa-core)
- RAM:** 12 GB (6GB physical + 6GB virtual)
- Internal Storage:** 64 GB ROM (expandable up to 256GB via TF card)
- Screen Size:** 6.52 Inches HD+
- Resolution:** 1080 x 2400 pixels
- Refresh Rate:** 60 hertz
- Main Camera:** 50MP
- Night Vision Camera:** 24MP NightElf 2.0
- Front Camera:** 8MP
- Battery Capacity:** 6320 mAh
- Phone Talk Time:** 29 Hours
- Durability:** IP68/IP69K, MIL-STD-810H certified (Waterproof, Dustproof, Drop Resistant)
- Connectivity:** Dual 4G VoLTE, Dual Band Wi-Fi, NFC, GPS
- Audio Jack:** 3.5 mm
- Item Weight:** 1.28 pounds
- Package Dimensions:** 7.76 x 3.98 x 2.13 inches
- Color:** Orange (variant)
- First Available:** August 3, 2023

WARRANTY AND SUPPORT

Ulefone provides a standard warranty for the Armor X13. For specific warranty terms, technical support, or service inquiries, please refer to the official Ulefone website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

For additional resources and FAQs, visit the [Ulefone Store on Amazon](#).

Related Documents - Armor X13

	<p>Ulefone Armor Mini 20 Pro Series User Manual</p> <p>Comprehensive user manual for the Ulefone Armor Mini 20 Pro Series, covering setup, features, safety information, and troubleshooting.</p>
	<p>Ulefone Armor 3 User Manual: Features, Setup, and Safety Guide</p> <p>Comprehensive user manual for the Ulefone Armor 3 rugged smartphone. Learn about installation, device features, basic operations, and essential safety precautions.</p>
	<p>Ulefone Armor X8i Rugged Smartphone - Specifications and Features</p> <p>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.</p>
	<p>Ulefone Power Armor 19 User Manual - Rugged Smartphone Guide</p> <p>Official user manual for the Ulefone Power Armor 19 rugged smartphone. Learn about installation, features, network bands, safety precautions, FCC/CE compliance, and more.</p>
	<p>Ulefone Armor X13 User Manual</p> <p>Comprehensive user manual for the Ulefone Armor X13, covering setup, features, safety information, and warranty conditions. Learn how to install cards, use the camera, customize the key, and more.</p>
	<p>Ulefone Armor 21 User Manual</p> <p>User manual for the Ulefone Armor 21 rugged smartphone, detailing features, setup, safety information, and usage instructions. Includes information on card installation, hardware components, charging, basic operations, and safety guidelines.</p>

