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Ulefone Armor X16 Pro & Mount Pro AM02

Ulefone Armor X16 Pro & Mount Pro AM02 5G Rugged Smartphone User Manual

Model: Armor X16 Pro & Mount Pro AM02
Brand: Ulefone

1. Introduction

This manual provides comprehensive instructions for the safe and effective use of your Ulefone Armor X16 Pro 5G Rugged Smartphone and the accompanying Mount Pro AM02. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity.

Image 1.1: The Ulefone Armor X16 Pro smartphone alongside the Mount Pro AM02. The phone features a rugged design with a gold-colored back panel, and the mount is a black, adjustable holder designed for secure attachment.

2. Getting Started (Setup)

2.1. Charging the Device

Before first use, fully charge your Ulefone Armor X16 Pro. Connect the provided USB cable to the phone's charging port and the other end to a compatible 33W fast charger. The battery indicator on the screen will show charging progress. A full charge provides approximately 555 hours of standby time or 56 hours of talk time.

2.2. SIM Card and Storage Installation

Locate the SIM card tray on the side of the phone. Use the SIM ejector tool to open the tray. Insert your Nano-SIM card(s) and/or a TF card (up to 2TB) into the designated slots. Ensure the tray is securely reinserted to maintain the phone's waterproof integrity.

2.3. Powering On/Off

To power on, press and hold the Power button until the Ulefone logo appears. To power off, press and hold the Power button, then select 'Power off' from the options. A short press of the Power button will lock/unlock the screen.

3. Core Functionality (Operating)

3.1. Display and Interaction

The device features a 6.56-inch FHD+ display with a 720 x 1612 resolution and a 120Hz refresh rate for smooth visuals. With 910 nits brightness, it ensures visibility even under bright sunlight. The screen is protected by Corning Gorilla Glass 5, offering enhanced durability.

Image 3.1: Visual representation of the 6.56-inch 120Hz FHD+ display, highlighting its 720x1612 resolution, 910 nits brightness, Corning Gorilla Glass 5 protection, and Widevine L1 certification for HD video streaming.

3.2. Performance and System

Powered by a MediaTek Dimensity 6300 5G 2.4GHz 8-core CPU and a 6nm chipset, the Armor X16 Pro delivers robust performance. It comes with 16GB RAM (8GB physical + 8GB virtual) and 256GB internal storage, expandable up to 2TB with a TF card. The device runs on Android 15, providing a seamless and secure user experience.

Image 3.2: Infographic detailing the MediaTek Dimensity 6300 5G processor, memory configuration (up to 16GB RAM and 256GB ROM with 2TB expansion), integration with Google Gemini, and dual 5G connectivity.

3.3. Camera System

The Ulefone Armor X16 Pro features a versatile camera setup:

- **64MP Main Camera:** Equipped with a Sony IMX682 sensor for high-resolution photos.
- **25MP Night Vision Camera:** Enables clear navigation and capture in low-light conditions.
- **2MP Macro Lens:** For detailed close-up shots of small objects.
- **16MP Front Camera:** For enhanced selfies and video calls.
- **Underwater Mode:** Allows taking photos and videos while submerged.

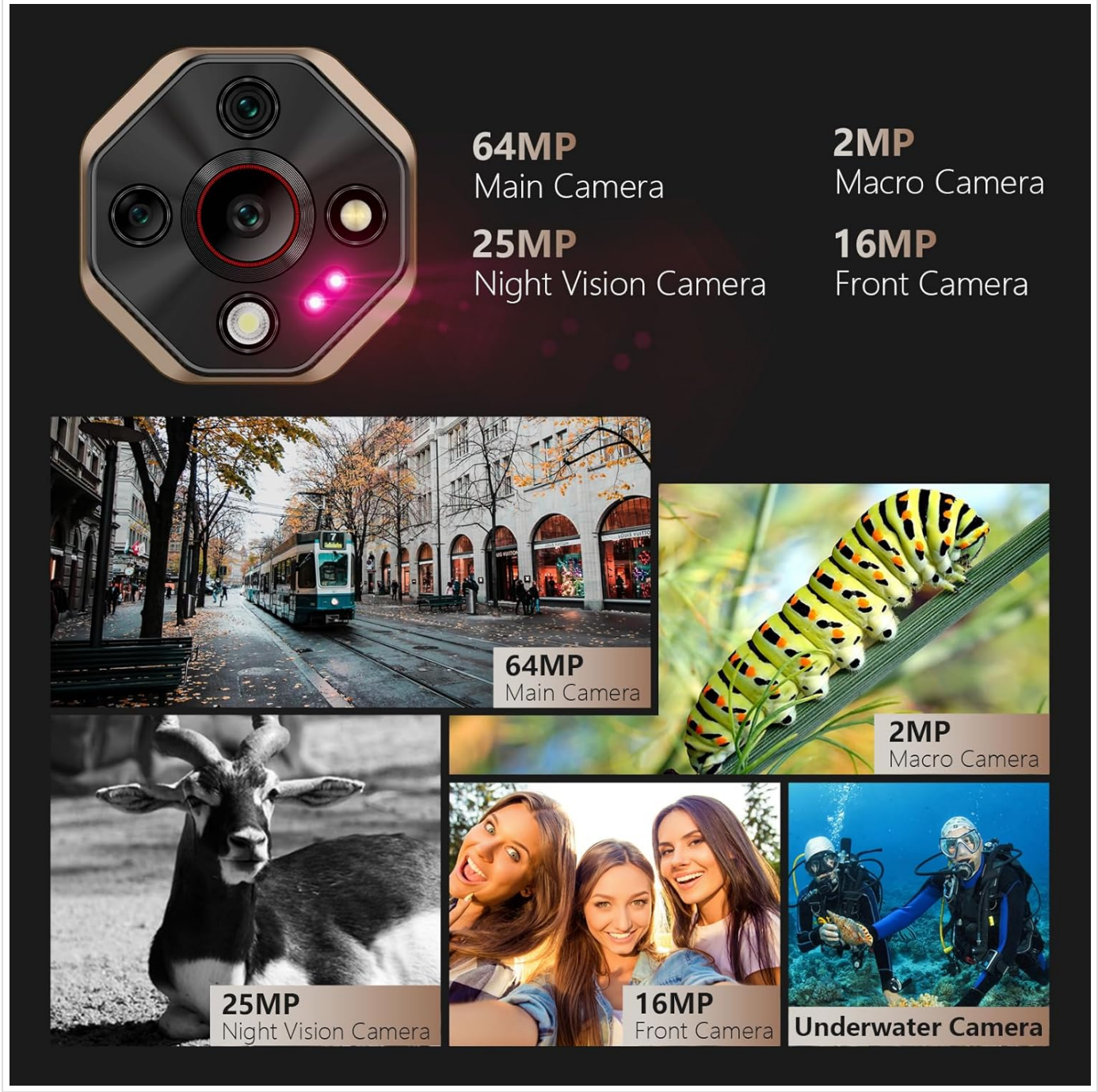

Image 3.3: Overview of the phone's camera system, showing the 64MP main camera, 25MP night vision camera, 2MP macro camera, and 16MP front camera, along with examples of photos taken with each mode, including an underwater shot.

3.4. Battery Management

The device is powered by a massive 10360mAh battery, offering extended usage times. It supports 33W fast charging for quick power-ups. Additionally, the reverse charging feature allows the phone to act as a portable power bank for other devices.

Image 3.4: Visual representation of the 10360mAh battery capacity and 33W fast charging capability, with estimated usage times for standby, music playback, talk time, and video playback.

3.5. Mount Pro AM02 Usage

The Mount Pro AM02 is designed for secure attachment of your smartphone, even during high-speed activities. It features a safety lock to keep the phone in place and a theft-resistant screw on the double socket arm base. Once tightened, the bracket cannot be disassembled, but the angle can still be adjusted by loosening the knob.

Image 3.5: The Ulefone Armor X16 Pro smartphone securely mounted on the Mount Pro AM02, demonstrating its robust grip and adjustable positioning on a bar.

3.6. Advanced Features

- **AI Recorder:** Effortlessly record phone calls and third-party voice audio.
- **Face Unlock & Fingerprint ID:** Secure and convenient methods for unlocking your device.
- **Gloves Mode:** Allows for touch screen operation even when wearing gloves.
- **Built-in Flashlight:** A 133 lumens glare flashlight with adjustable brightness and one-key lighting.

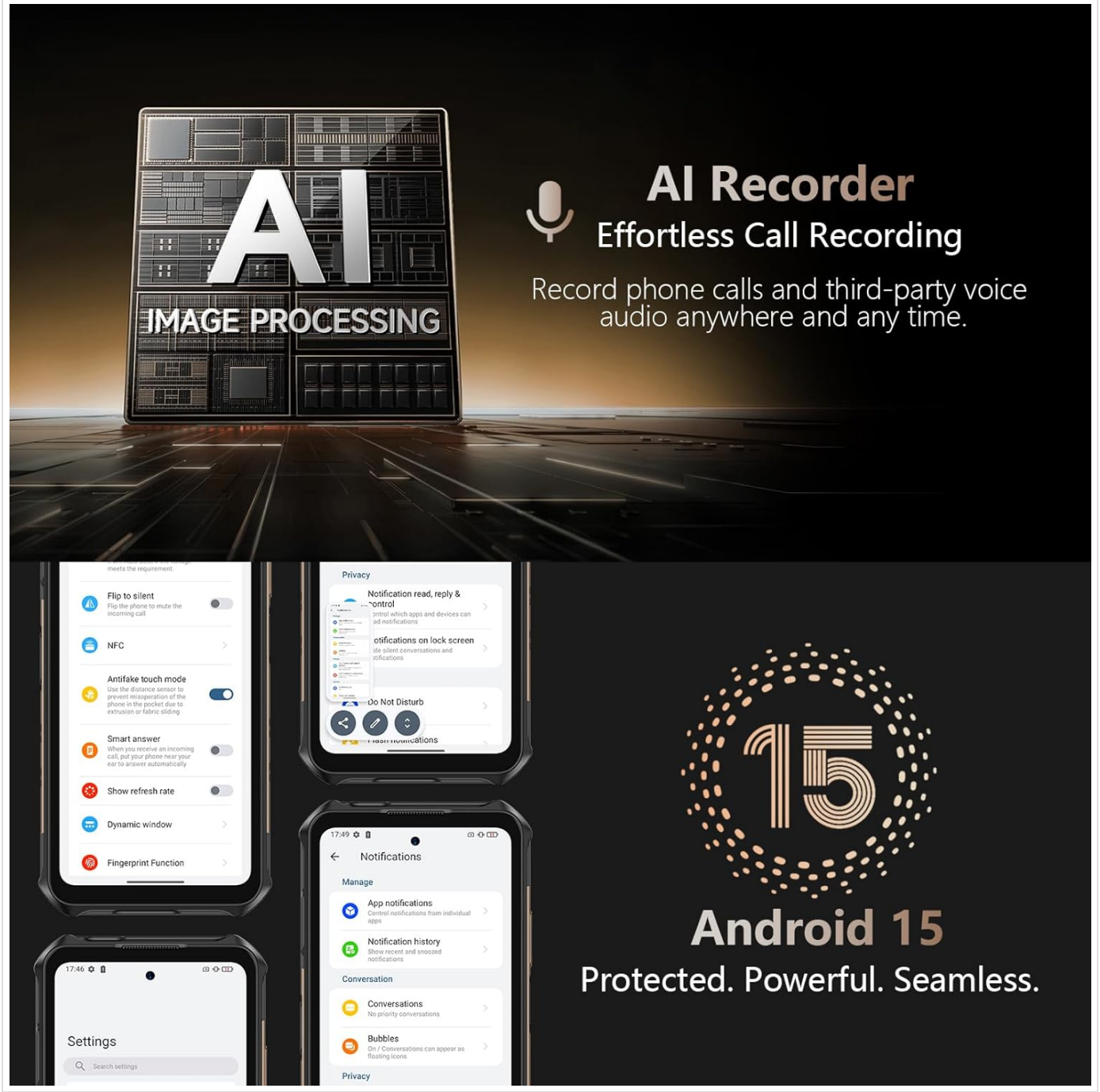

Image 3.6: Depiction of the AI Recorder feature for call recording and the Android 15 operating system, showcasing its protected, powerful, and seamless interface with various settings and notification options.

Image 3.7: Illustration of the built-in 133 lumens glare flashlight with adjustable brightness, along with the Face Unlock, Fingerprint ID, and Gloves Mode functionalities for enhanced usability and security.

4. Durability and Protection

The Ulefone Armor X16 Pro is built to withstand harsh environments, featuring IP68/IP69K ratings and MIL-STD-810H certification. This means it is waterproof (up to 2 meters for 30 minutes), dustproof, and resistant to drops (up to 2 meters).

Image 4.1: Visual representation of the Ulefone Armor X16 Pro's rugged features, including IP69K and IP68 water and dust resistance, MIL-STD-810H military-grade certification, and demonstrated resistance to 2-meter drops and dust.

4.1. Care and Cleaning

To maintain the phone's rugged features, ensure all port covers are securely closed before exposing it to water or dust. Clean the device with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials. If the phone gets wet, dry it thoroughly before charging.

5. Troubleshooting

This section addresses common issues you might encounter. For more complex problems, please refer to the support section.

- **Device not powering on:** Ensure the battery is charged. Connect to a charger and wait a few minutes before attempting to power on again.
- **Screen unresponsive:** Try restarting the device by holding the Power button for an extended period (e.g., 10-15

seconds) until it reboots.

- **Poor network signal:** Check if your SIM card is properly inserted. Move to an area with better network coverage.
- **Water damage concerns:** If the phone has been submerged, ensure all ports are sealed. If issues arise after water exposure, contact support.

6. Technical Specifications

Feature	Specification
Model	Ulefone Armor X16 Pro & Mount Pro AM02
Processor	MediaTek Dimensity 6300 5G, 2.4GHz 8-core CPU, 6nm
RAM	16GB (8GB physical + 8GB virtual)
Internal Storage	256GB (expandable up to 2TB via TF card)
Operating System	Android 15
Display	6.56-inch FHD+, 720 x 1612 resolution, 120Hz refresh rate, 910 nits brightness, Corning Gorilla Glass 5
Main Camera	64MP (Sony IMX682 sensor)
Night Vision Camera	25MP
Macro Camera	2MP
Front Camera	16MP
Battery Capacity	10360mAh
Charging	33W Fast Charging, Reverse Charging
Durability	IP68/IP69K Waterproof & Dustproof, MIL-STD-810H Certified, 2M Drop Resistance
Connectivity	5G, Wireless (Other display features)
Special Features	AI Recorder, Face Unlock, Fingerprint ID, Gloves Mode, 133 Lumens Flashlight, Underwater Mode
Date First Available	July 7, 2025
ASIN	B0FKBCMC6X

7. Warranty and Support

For warranty information and technical support, please refer to the official Ulefone website or contact their customer service. Keep your purchase receipt as proof of purchase for any warranty claims.
Visit the official Ulefone Store for more information:Ulefone Store on Amazon

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