Ulefone Armor Pad 5 Ultra

Ulefone Armor Pad 5 Ultra Rugged Tablet User Manual

Model: Armor Pad 5 Ultra

1. INTRODUCTION

The Ulefone Armor Pad 5 Ultra is a rugged tablet designed for demanding environments, combining advanced features with exceptional durability. This manual provides essential information for setting up, operating, and maintaining your device, ensuring optimal performance and longevity.

2. PRODUCT OVERVIEW

Key Features:

- **Global 5G Network Support:** Dual SIM dual standby for convenient connectivity.
- **Built-in 200 Lumens Projector:** DLP projector with 960x540 resolution, smart autofocus, and keystone correction for large-screen projection.
- **Massive 24200mAh Battery:** Supports 120W fast charging and 10W reverse charging for extended use and power bank functionality.
- **High Performance:** MediaTek Dimensity 7400X 5G SoC, 32GB RAM (12GB + 20GB adjustable), 512GB internal storage, expandable up to 2TB.
- **Durable Display:** 11-inch FHD+ (1920x1200) screen with 600 nits brightness and Corning Gorilla Glass protection.
- **Rugged Design:** IP68/69K and MIL-STD-810H certified for water, dust, and drop resistance.
- **Advanced Camera System:** Dual 64MP rear cameras (including 64MP night vision with 4 IR LEDs) and a 32MP front camera.
- **Integrated Lighting:** Dual Versatile LED Lights (1000 lumens each) and Dual Warning Lights for various scenarios.
- **Exclusive Handle Stand:** Durable alloy stand for easy carrying and versatile positioning.
- **Additional Features:** Android 15, uSmart Expansion Connector, Widevine L1, Wifi 6E, Fingerprint Unlock, NFC, Headset-Free FM Radio, Custom Key, Outdoor Toolbox, 3-Card Slot, comprehensive GPS support.

3. SETUP

3.1. Unboxing and Initial Inspection

Carefully remove all items from the packaging. Verify that all components listed in the 'What's in the Box' section are present and undamaged.

3.2. Charging the Device

Before first use, fully charge the tablet using the provided 120W AC Power Charger and Type-C to Type-C Data Cable. The tablet supports rapid charging.

3.3. SIM and SD Card Installation

Locate the 3-Card Slot on the side of the tablet. Use the provided pry opener to carefully open the slot cover. Insert your 5G SIM cards and/or a microSD card (up to 2TB) into the designated trays. Ensure the cover is securely closed to maintain water and dust resistance.

3.4. 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.

3.5. Initial Android 15 Setup

Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, Google account login, and security settings (fingerprint unlock, face unlock).

4. OPERATING INSTRUCTIONS

4.1. Display Usage

The 11-inch FHD+ display offers a resolution of 1920x1200 pixels and 600 nits brightness for clear visibility even outdoors. The Corning Gorilla Glass provides enhanced durability against scratches and drops. The tablet also supports Gloves Mode for operation with work gloves.

4.2. Projector Operation

The Armor Pad 5 Ultra features a built-in 200 Lumens DLP projector. To activate, use the dedicated One-Key projection button or access the projector settings from the quick settings panel. The projector supports smart autofocus and ±40° keystone correction for optimal image quality. It can project visuals up to 80 inches from 2.2 meters. A powerful cooling fan operates at 3900 RPM to maintain stable performance during extended use.
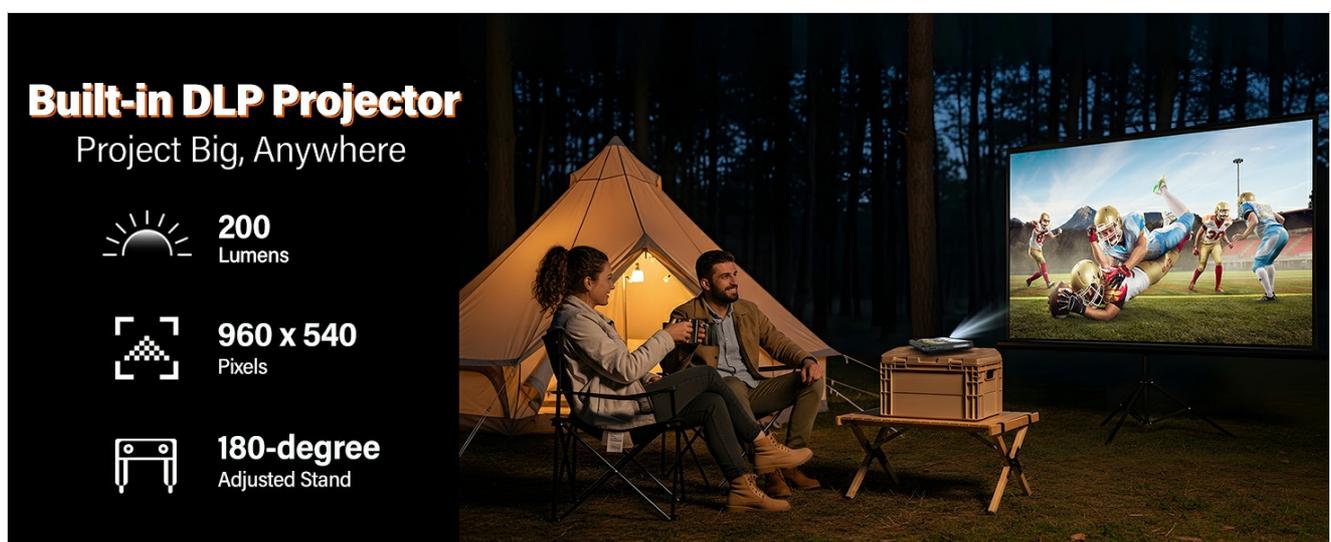

Built-in DLP Projector
Project Big, Anywhere

200 Lumens

960 x 540 Pixels

180-degree Adjusted Stand

Image: The Ulefone Armor Pad 5 Ultra projecting an image for outdoor viewing.

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4.3. Camera Functions

The tablet is equipped with a dual 64MP rear camera system, including a 64MP night vision camera with 4 infrared LEDs for clear imaging in absolute darkness. The 64MP Sony IMX682 primary camera captures sharp and detailed images. The 32MP front camera is ideal for video calls and selfies.
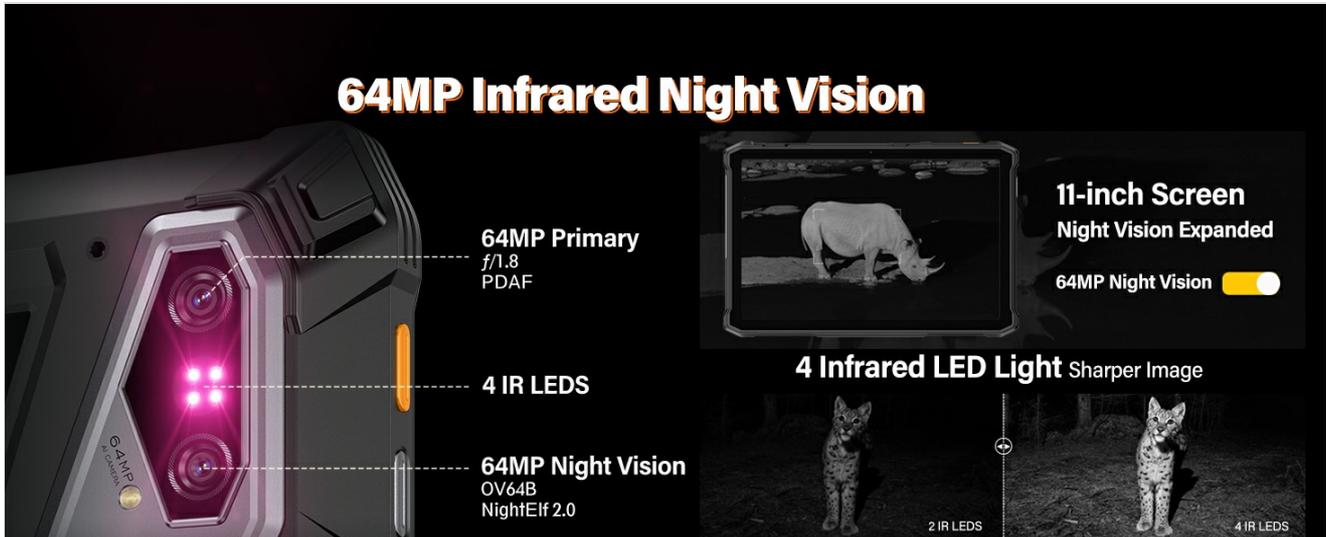

Image: Detail of the tablet's rear camera setup, featuring the night vision camera.

4.4. Lighting Features

The Armor Pad 5 Ultra integrates two Versatile LED Lights, each providing up to 1000 lumens. These can be switched between warm and white light. Additionally, dual Warning Lights with 64 LEDs can be activated for instant, one-touch alerts, projecting constant or flashing signals for emergency situations.

Image: The tablet's dual LED lights providing illumination in a dark environment.

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Video: Demonstrating the functionality of the Dual Versatile LED Lights and Dual Warning Lights for various uses.

4.5. Connectivity

The tablet supports global 5G networks for high-speed data. It also features Wi-Fi 6E for fast wireless internet, Bluetooth 5.4 for peripheral connections, NFC for contactless payments, and a comprehensive suite of navigation systems including GPS, GLONASS, Beidou, Galileo, QZSS, and NavIC.

4.6. Battery Management

The 24200mAh dual-cell battery provides extended usage times. Utilize the 120W fast charger to quickly replenish the battery, reaching 20% in approximately 10 minutes. The tablet also supports 10W reverse charging, allowing it to function as a power bank for other devices.
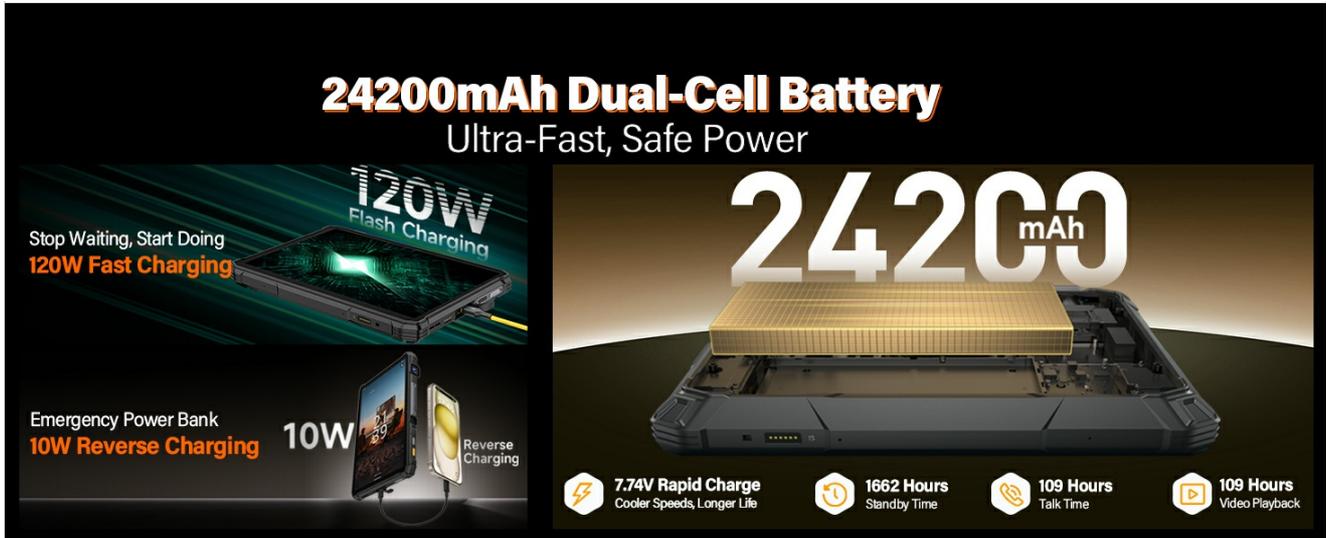

Image: Visual representation of the tablet's large battery capacity and fast charging.

4.7. Handle Stand and uSmart Expansion Connector

The exclusive handle stand, crafted from durable alloy, allows for secure one-handed carrying and serves as a robust kickstand for various viewing angles. The uSmart Expansion Connector enables connection to specialized peripherals, such as endoscopes (sold separately), for enhanced functionality in professional or outdoor settings.

Image: The tablet's handle stand in use for portability and hands-free viewing.

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Video: Showcase of the Armor Pad 5 Ultra's accessory ecosystem, including the handle stand and uSmart expansion connector with an endoscope.

5. MAINTENANCE

5.1. Cleaning

Due to its IP68/69K rating, the tablet can be rinsed with water to remove dirt or debris. For general cleaning, wipe the

screen and body with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.

5.2. Software Updates

Ensure your tablet's software is up to date for optimal performance and security. Navigate to **Settings > System > System update** to check for and install available updates.

6. TROUBLESHOOTING

6.1. Device Not Powering On

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

6.2. Projector Image Unclear

- Check the projector settings for smart autofocus and keystone correction. Ensure these features are enabled or manually adjust them.
- Ensure the projection surface is flat and clean.
- Verify the distance to the projection surface is within the recommended range (e.g., 2.2 meters for 80 inches).

6.3. Connectivity Issues (5G/Wi-Fi)

- For 5G, ensure your SIM card is correctly installed and your service plan supports 5G. Check network coverage in your area.
- For Wi-Fi, restart your router and the tablet. Forget the network in Wi-Fi settings and reconnect.

6.4. Slow Performance

- Close unnecessary background applications.
- Clear cache data for apps that are frequently used.
- Ensure sufficient storage space is available.
- Perform a system update if one is available.

7. SPECIFICATIONS

Screen Display Size	11 Inches
Screen Resolution	1920 x 1200 pixels
Processor	MediaTek Dimensity 7400X 5G (2.6 GHz Octa-core)
Operating System	Android 15
RAM	32GB (12GB + 20GB adjustable)
Flash Memory Size	512 GB (expandable up to 2TB)
Battery Capacity	24200mAh
Charging	120W Fast Charging, 10W Reverse Charging
Projector	200 Lumens DLP (960x540 pixels)

Rear Camera	Dual 64MP (Primary + Night Vision with 4 IR LEDs)
Front Camera	32MP
Durability	IP68/69K, MIL-STD-810H
Wireless Type	802.11ax (Wi-Fi 6E)
Item Weight	1.84 pounds (approx. 835g)
Product Dimensions	10.62 x 1.09 x 7.07 inches (269.7 x 27.8 x 179.5 mm)

8. WHAT'S IN THE BOX

- 1 x Ulefone Armor Pad 5 Ultra Tablet
- 1 x AC Power Charger (120W)
- 1 x Type-C to Type-C Data Cable (100cm)
- 1 x Handle Stand
- 1 x Screwdriver
- 6 x Screws (for Handle Stand)
- 1 x Pry Opener
- 1 x Protective Film (Pre-installed)

Image: All items included in the Ulefone Armor Pad 5 Ultra packaging.

9. WARRANTY AND SUPPORT

Ulefone provides a 12-month manufacturer warranty service in the US for the Armor Pad 5 Ultra. For any product-related inquiries or support, please contact Ulefone customer service.