DOOGEE BLADE20ULTRA

DOOGEE Blade 20 Ultra Rugged Phone User Manual

Model: BLADE20ULTRA | Brand: DOOGEE

INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your DOOGEE Blade 20 Ultra Rugged Phone. Please read it thoroughly to ensure proper usage and to maximize the device's capabilities.

PACKAGE CONTENTS

Upon opening the box, verify that all items are present:

- DOOGEE Blade 20 Ultra Rugged Phone
- USB Type-C Cable
- Power Adapter
- Screen Protector (pre-applied or separate)
- User Manual
- Warranty Card
- SIM Ejector Tool

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Video: Unboxing the DOOGEE Blade 20 Ultra Rugged Phone. This video demonstrates the contents typically found within the product packaging.

SETUP

1. Inserting SIM and TF Cards

1. Locate the SIM card tray on the side of the device.
2. Insert the SIM ejector tool into the small hole next to the tray and press firmly until the tray pops out.
3. Place your Nano-SIM cards (up to two) and/or a microSD (TF) card into the designated slots on the tray. Ensure the metal contacts face downwards.
4. Carefully reinsert the tray into the phone until it clicks into place.

The device supports a triple slot design for two SIM cards and one TF card.

2. Initial Power On and Basic Settings

1. Press and hold the Power button until the DOOGEE logo appears.
2. Follow the on-screen prompts to select your language, connect to Wi-Fi, and set up your Google account.
3. Configure security features such as Face ID or fingerprint unlock for enhanced device protection.
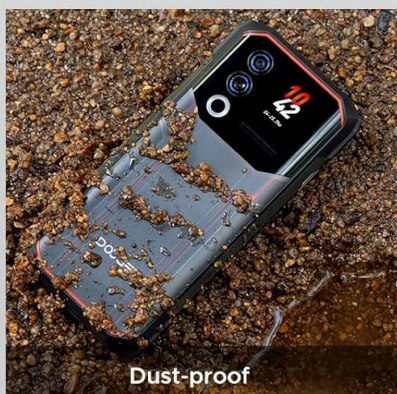
OPERATING INSTRUCTIONS

Main Display (6.6" HD+ 90Hz)

The 6.6-inch HD+ display offers a 90Hz refresh rate for smooth visuals and responsive interaction. Navigate through apps, browse content, and enjoy media with enhanced fluidity.

Image: The DOOGEE Blade 20 Ultra's 6.6-inch main display, showcasing its vibrant visuals and punch-hole camera design.

1.54" Smart Rear Display

The innovative 1.54-inch IPS rear display provides quick access to essential information and controls without needing to unlock the main screen. Functions include:

- Time, Date, and Battery Level
- Notifications
- Music Control
- Compass
- Customizable wallpapers

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Video: Demonstration of the 1.54-inch innovative rear display, highlighting its various functions and customization options.

1.54'' Smart Rear Display - High Tech on the Back

Over 16 Wallpapers

Dynamic Mecha-style
Static Business-style
Personalized Photo Setting
Personalized Signature

Quick Start Rear Display

Double-click
Smart Key

Image: Close-up of the 1.54-inch smart rear display on the DOOGEE Blade 20 Ultra, illustrating its high-tech features and customization options.

Camera Usage (50MP Main, 8MP Front)

The device is equipped with a 50MP main camera and an 8MP front camera. Access the camera application from the home screen or app drawer. Tap to focus, pinch to zoom, and use the shutter button to capture photos or videos. Various modes are available for different scenarios.

Unisoc T7250 Processor

12nm
Chipset

Octa-core
Processor

Up to 32GB RAM
8GB Basic + 24GB Virtual

512GB ROM
2TB Expandable
(needs to be purchased separately)

Image: The camera setup of the DOOGEE Blade 20 Ultra, detailing the 50MP main camera and 8MP front camera for capturing clear images.

Battery Management (10300mAh)

The 10300mAh dual-cell battery provides extended usage times. The device supports 18W fast charging. To charge, connect the USB Type-C cable to the phone and the power adapter to a wall outlet. The phone also supports reverse charging, allowing it to act as a power bank for other devices.

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Video: A short preview demonstrating the slim design of the rugged phone despite its large 10300mAh battery, highlighting its portability.
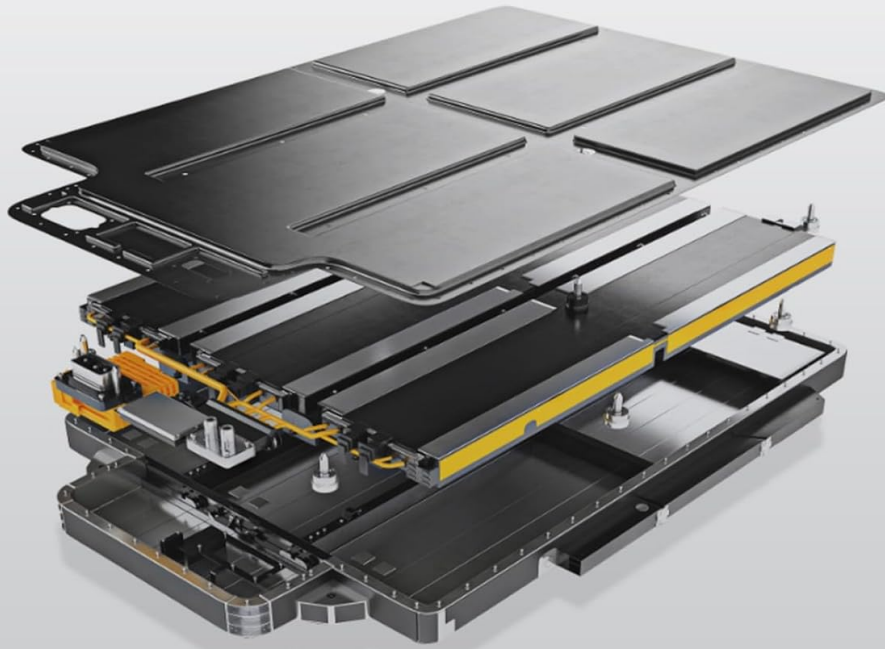
Innovative 10300mAh Battery, Holding 20% More Power

1415 Hours of
Flight Mode

14.5 hours
Movies Watching

31 Hours
Music Playing

2-3 Days
Business Trip
(Making Phone Call
without Charging)

⚡ **18W Fast Charging**   📱 **Reverse Charing Supported**

Image: An illustration detailing the internal structure of the DOOGEE Blade 20 Ultra's 10300mAh battery and its fast charging capabilities.

Durability Features

The DOOGEE Blade 20 Ultra is designed to be rugged, featuring IP68, IP69K, and MIL-STD-810H certifications. This means it is:

- **Waterproof:** Resistant to submersion up to 1.5 meters for 30 minutes.
- **Dustproof:** Fully protected against dust ingress.
- **Shockproof:** Built to withstand drops and impacts.

6.6'' 90Hz Notch-less Punch Display

84% Processor	**16.7** Million Screen Color	**20:9** Aspect Ratio
90Hz Processor	**1500:1** Million Screen Color	**380cd/m2** Brightness

Image: The DOOGEE Blade 20 Ultra showcasing its military-grade durability with IP68, IP69K, and MIL-STD-810H ratings, indicating its resistance to water, dust, and drops.

Connectivity and Security

The device supports dual 4G SIM cards, Wi-Fi, NFC for contactless payments, Face ID, and side-mounted fingerprint unlock for secure and convenient access.

Note: Verizon and AT&T carriers are not supported. Verify compatibility with your local carrier's frequency bands before use.

SPECIFICATIONS

Feature	Detail
Model Name	BLADE20ULTRA
Operating System	Android 14
RAM	Up to 32GB (8GB base + 24GB extended)
Internal Storage	512GB UFS (Expandable up to 2TB with microSD)
Battery Capacity	10300mAh

Main Display	6.6 Inches HD+ (720 x 1600), 90Hz Refresh Rate
Rear Display	1.54 Inches IPS (240 x 240)
Main Camera	50MP
Front Camera	8MP
Processor	Unisoc T7250 Octa-core Processor
Durability	IP68, IP69K, MIL-STD-810H
Connectivity	Dual 4G SIM, Wi-Fi, NFC
Security	Face ID, Side Fingerprint Unlock
Dimensions	7.64 x 4.06 x 2.24 inches
Item Weight	1.26 pounds

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Video: A short preview highlighting the boosted performance and reduced power consumption of the device's processor.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the device. Avoid harsh chemicals.
- **Software Updates:** Regularly check for and install system updates to ensure optimal performance and security.
- **Battery Care:** To prolong battery life, avoid extreme temperatures and do not leave the device fully charged or fully discharged for extended periods.
- **Storage Management:** Periodically clear unnecessary files and applications to maintain device speed and free up storage.

TROUBLESHOOTING

If you encounter issues with your device, try the following steps:

- **Device Not Responding:** Press and hold the Power button for about 10-15 seconds to force a restart.
- **Charging Issues:** Ensure the charging cable and adapter are securely connected and undamaged. Try a different charger if available.
- **Network Connectivity:** Check if your SIM card is properly inserted. Verify that mobile data is enabled and that you are within network coverage. For Wi-Fi, ensure the router is working and you have the correct password.
- **App Malfunctions:** Try clearing the app's cache and data in Settings > Apps. If the issue persists, uninstall and reinstall the app.
- **Slow Performance:** Close unused applications, clear cache, and ensure sufficient storage space. Consider a factory reset as a last resort (back up your data first).

WARRANTY AND SUPPORT

Your DOOGEE Blade 20 Ultra Rugged Phone comes with a 2-Year Limited Warranty. For warranty claims

or technical assistance, please refer to the contact information provided on your Warranty Card or visit the official DOOGEE support website.

Keep your proof of purchase for warranty validation.

Related Documents - BLADE20ULTRA

[DOOGEE S61 / S61 PRO Rugged Industrial Smartphone - Technical Specifications](#)

Explore the detailed technical specifications of the DOOGEE S61 and S61 PRO rugged industrial smartphones. Learn about their Helio G35 processor, 6.0" IPS HD+ display, advanced camera systems (including SONY IMX350), 5180mAh battery, and robust IP68/IP69K/MIL-STD-810H durability.

[DOOGEE eSIM Functions Quick Guide](#)

Learn how to download, switch, delete, and top up eSIMs on your DOOGEE smartphone with this comprehensive quick guide. Covers step-by-step instructions and important cautions.

[DOOGEE S61 Series User Manual](#)

User manual for the DOOGEE S61 Series smartphone, providing essential information on setup, safety, and features.

[DOOGEE Blade GT User Manual: Safety, SAR, Specifications, and Disposal](#)

Official user manual for the DOOGEE Blade GT smartphone. Find detailed safety instructions, RF exposure (SAR) information, frequency band specifications, and guidelines for responsible product disposal.

[DOOGEE N55 Smartphone Specifications and Features](#)

Detailed specifications for the DOOGEE N55 smartphone, including display, camera, processor, battery, connectivity, dimensions, and package contents. Learn about its Android 14 OS, 13MP AI main camera, and 5150mAh battery.

[DOOGEE Shoot 1 Smartphone Overview and Specifications](#)

A comprehensive overview of the DOOGEE Shoot 1 smartphone, detailing its key specifications, camera features, connectivity options, dimensions, and package contents. Includes essential battery safety warnings.