

DOOGEE Blade 20 Ultra

DOOGEE Blade 20 Ultra Rugged Smartphone User Manual

Model: Blade 20 Ultra

Brand: DOOGEE

1. INTRODUCTION

The DOOGEE Blade 20 Ultra is a rugged smartphone engineered for exceptional durability and high performance. This device is designed to withstand challenging environments, making it suitable for outdoor adventures and demanding work conditions. It features a robust 10300mAh battery for extended use, a vibrant 6.6-inch HD+ main display, and an innovative 1.54-inch smart screen on the rear. Powered by Android 14, the Blade 20 Ultra is equipped with a 50MP main camera and boasts IP68/IP69K and MIL-STD-810H certifications for water, dust, and shock resistance.

2. PACKAGE CONTENTS

Verify that all items are present in your product package:

- 1 x DOOGEE Blade 20 Ultra Rugged Smartphone
- 1 x Type-C USB Cable
- 1 x 18W Power Charger
- 1 x Thick Protective Film (pre-applied or separate)
- 1 x Packaging Box
- 1 x User Manual
- 1 x Warranty Card

Contenu de l'emballage :

- 1 x Blade20 Ultra Téléphone Portable Incassable
- 1 x Type-C Câble
- 1 x 18W Chargeur
- 1 x Film protecteur épais
- 1 x Boîte d'emballage
- 1 x Manuel de l'utilisateur
- 1 x Carte de garantie



Image: Unboxing display of the DOOGEE Blade 20 Ultra kit, showing the smartphone, charger, USB cable, protective film, user manual, and warranty card.

3. SETUP

3.1 Inserting SIM Cards and TF Card

The DOOGEE Blade 20 Ultra supports a triple card slot, allowing for the simultaneous use of two Nano-SIM cards and one TF (microSD) card for expandable storage. Ensure the phone is powered off before inserting or removing cards.

1. Locate the SIM card tray on the side of the device.
2. Use the provided SIM ejector tool to open the tray.
3. Carefully place your Nano-SIM cards and TF card into their respective slots on the tray, ensuring correct orientation.
4. Gently push the tray back into the phone until it is flush with the device body.

3.2 Initial Power On and Basic Configuration

To power on your device, press and hold the power button located on the side until the DOOGEE logo appears. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, and Google account setup.

3.3 Biometric Security Setup

For enhanced security and convenience, set up face unlock and the side-mounted fingerprint sensor.

- Navigate to **Settings > Security > Face Unlock** to register your face.
- Go to **Settings > Security > Fingerprint** to register your fingerprints.

Déverrouillage par Empreinte Digitale Faciale et Latérale



Fente Pour 3 Cartes (Prise en Charge de 2 Cartes SIM+1TF)



Image: The smartphone displaying face unlock and a detailed view of the triple card slot for two SIM cards and one TF card.

4. OPERATING YOUR SMARTPHONE

4.1 Display Features

The Blade 20 Ultra features a 6.6-inch HD+ main display with a 90Hz refresh rate for smooth visuals. Additionally, it includes a 1.54-inch smart screen on the rear for quick access to information and controls.

- **Main Display:** Enjoy immersive viewing with a 20:9 aspect ratio and 84% screen-to-body ratio. The 90Hz refresh rate provides a fluid experience for gaming and scrolling.
- **Rear Smart Screen:** This secondary display offers dynamic dials, shortcut applications (calendar, music, messaging), and customizable signatures. It allows for quick actions like checking time, notifications, or controlling music without unlocking the main screen.

1.54" Écran Arrière Intelligent - La Haute Technologie à L'arrière

Le Blade20 Ultra est Nouvellement Mis à jour avec un Écran Arrière Carré de 1,54" (Résolution 240*240), Qui est Plus Multifonctionnel et Intéressant Que le Blade10 Ultra. x



Plus de 16 Fonds d'écran

Style Méca Dynamique
Style Professionnel Statique
Réglage Personnalisé des Photos
Signature Personnalisée

Quick Start Rear Display

Double-clic
Touche Intelligente



Image: The 1.54-inch rear smart screen of the Blade 20 Ultra, highlighting customizable wallpapers, quick access to apps, and personalized signatures.

6.6" 90Hz Écran Punch Sans Encoche

Une Expérience Sans Faille Pour les Jeux

16.7 Millions
de Couleurs

20:9
Rapport d'aspect

84%
Rapport Visuel de L'écran

380cd/m2
Luminosité

1500:1
Contraste

90Hz



Image: A user holding the Blade 20 Ultra horizontally, engaged in a racing game, demonstrating the 6.6-inch 90Hz display's performance.

4.2 Battery Management

The device is equipped with an industry-leading 10300mAh battery, supporting 18W fast charging and OTG reverse charging. This ensures long-lasting power for outdoor activities and can even charge other devices in emergencies.

- **Extended Usage:** The large battery capacity provides up to 20 hours of talk time and can last 2-3 days on a single charge during typical use.
- **Fast Charging:** Utilize the 18W fast charger to quickly replenish the battery.
- **OTG Reverse Charging:** Connect other compatible devices via an OTG cable to use your Blade 20 Ultra as a power bank.

10300mAh Double Capacité de la Batterie



Image: The Blade 20 Ultra showcasing its 10300mAh battery, with illustrations of extended usage scenarios like watching movies for 14.5 hours or listening to music for 31 hours.

Prise en Charge de la Charge Inversée - Une Banque D'alimentation D'urgence Pour Vous



Image: Two scenarios illustrating OTG reverse charging: sharing power for navigation during a night hike and charging fans during a picnic.

4.3 Camera Functions

Capture clear and detailed photos with the 50MP main camera (f/1.8 aperture) and take stunning selfies with the 8MP front camera. The camera system supports various modes and AI recognition.

- **50MP Main Camera:** Features HDR, professional mode, and other rich shooting functions for high-quality images.
- **8MP Front Camera:** Ideal for selfies and video calls.
- **AI Recognition:** The dual rear cameras can automatically identify 12 independent scenarios to optimize photo settings.
- **Diverse Shooting Modes:** Includes Night Mode, Beauty Mode, Portrait Mode, Time-lapse, HDR, Panorama, and Pro Mode.
- **Underwater Camera:** The phone's waterproof design allows for capturing photos and videos underwater.

Capturez des Instants d'une Grande Clarté

50MP
Appareil Photo
Principal



8MP
Appareil Photo
Frontal

Image: The Blade 20 Ultra highlighting its 50MP main camera and 8MP front camera for clear image capture.

Différents Modes D'appareil Photo, Pour des Photos Parfaites

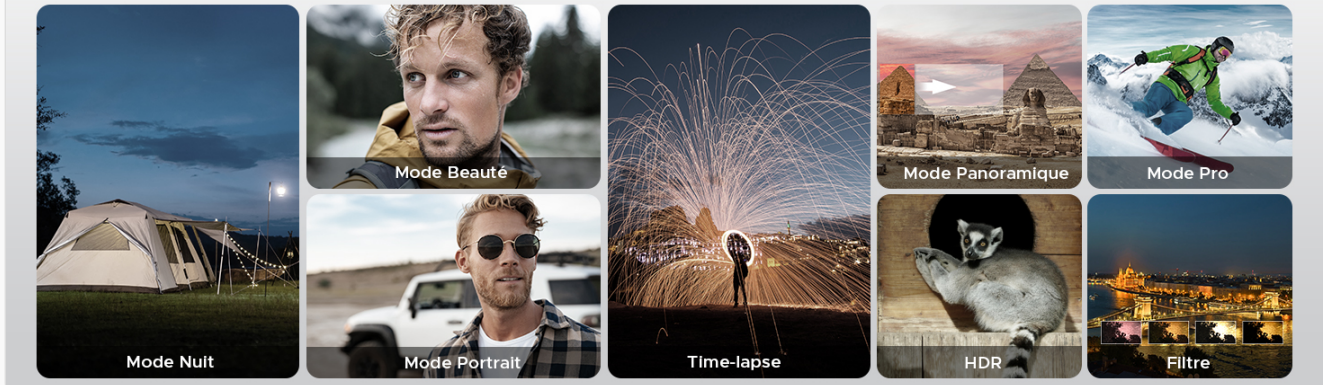


Image: A collage showcasing various camera modes such as Night Mode, Beauty Mode, Portrait Mode, Time-lapse, HDR, Panorama, and Pro Mode.

Appareil Photo Sous-marin

Ouvrez des Perspectives Différentes sur la Vie



Image: A hand holding the Blade 20 Ultra underwater, capturing a diver and marine life, demonstrating its underwater photography capability.

4.4 Connectivity

The Blade 20 Ultra offers essential connectivity features for modern use.

- **NFC:** Supports Near Field Communication for convenient mobile payments and quick data exchange with compatible devices.
- **GPS:** Integrated with a precise navigation system supporting GPS, Glonass, Galileo, and Beidou for accurate positioning.

La Vie Pratique avec NFC



Image: The smartphone displaying an NFC payment icon, positioned over a card payment terminal, indicating a successful transaction.

Système de Navigation Précis



Image: A cyclist riding through a forest, with icons for GPS, Glonass, Galileo, and Beidou overlaid, emphasizing the phone's precise navigation system.

4.5 Customizable Side Button

The Blade 20 Ultra features a customizable side button that can be programmed for various functions:

- **Single Click:** Enter a specific application.
- **Double Click:** Capture a screenshot.
- **Long Press:** Activate the flashlight.

Le Dernier Système Android 14

Plus Facile et Plus Fluide



Bouton latéral personnalisé



Image: The Blade 20 Ultra with a diagram illustrating the customizable side button's functions: single click for app entry, double click for screenshot, and long press for flashlight.

4.6 Android 14 Operating System

The smartphone runs on the latest Android 14 operating system, offering an intuitive user experience with enhanced security and privacy features.

- **Security & Privacy:** Benefit from features like anti-espionnage, phone manager, app cloning, app locking, anti-theft alarm, and digital fingerprint extension tools to protect your personal data.

Protégez Votre Vie Privée



Image: A composite image showcasing various Android 14 privacy and security features on the Blade 20 Ultra, including anti-espionnage, app management, and fingerprint tools.

5. MAINTENANCE AND DURABILITY

The DOOGEE Blade 20 Ultra is built to military-grade standards, ensuring exceptional resistance to water, dust, and drops. Proper maintenance will help prolong the life of your device.

5.1 Durability Features

The phone is certified with IP68/IP69K ratings for water and dust resistance, and MIL-STD-810H for drop protection. Its slim 15.8mm body, combined with a PC+TPU composite material and aerospace-grade aluminum-titanium alloy side strips, balances lightness with robustness.

- **Waterproof (IP68/IP69K):** Can withstand immersion in water and high-pressure water jets.
- **Dustproof (IP68/IP69K):** Fully protected against dust ingress.
- **Drop-resistant (MIL-STD-810H):** Engineered to survive accidental drops and impacts.

IP68/IP69K/MIL-STD-810H, Classement Militaire

Conçu pour Survivre à des Conditions Extrêmes, cet Appareil est Conforme Aux Normes D'étanchéité IP68/IP69K et de Durabilité Militaire MIL-STD-810H.

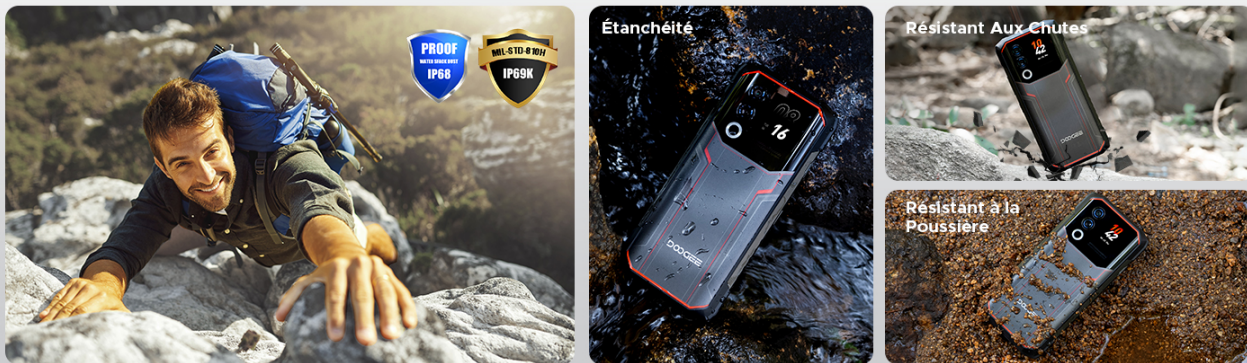


Image: The Blade 20 Ultra shown in challenging environments, highlighting its IP68/IP69K water and dust resistance and MIL-STD-810H military-grade drop protection.

Passé par des Milliers de Tests Rigoureux

*Les Données Sont Testées Dans le Laboratoire de Doogee à Titre de Référence Uniquement.

fois le Test de Culbutage
 **300+**

Mini Test de Chute
 **8000+**

Test de Chute Violente
 **16+**

heures Test D'immersion Dans L'eau
 **24** Hours

Image: An infographic illustrating the rigorous testing undergone by the Blade 20 Ultra, including 300+ tumble tests, 8000+ mini drop tests, 16+ violent drop tests, and 24 hours of water immersion testing.

5.2 Cleaning and Care

To maintain your device's performance and appearance:

- Wipe the screen and body with a soft, lint-free cloth.
- For stubborn dirt or after exposure to harsh environments, rinse the phone with clean water and ensure all ports are dry before charging.
- Avoid using harsh chemicals or abrasive materials for cleaning.

6. TROUBLESHOOTING

If you encounter issues with your DOOGEE Blade 20 Ultra, refer to the following common troubleshooting steps:

- **Device Not Turning On:** Ensure the battery is charged. Connect the phone to the charger and wait a few

minutes before attempting to power it on again.

- **Screen Unresponsive:** If the screen is frozen or unresponsive, perform a forced restart by pressing and holding the power button for approximately 10-15 seconds until the device reboots.
- **Poor Call Quality/Bluetooth Issues:** Check network signal strength. For Bluetooth, ensure the device is paired correctly and within range. If issues persist, try restarting the phone or resetting network settings.
- **Battery Draining Quickly:** Close unused applications, reduce screen brightness, and disable unnecessary features like Wi-Fi, Bluetooth, or GPS when not in use. Check battery usage in settings to identify power-hungry apps.
- **Apps Crashing/Slow Performance:** Clear app cache (Settings > Apps > [App Name] > Storage > Clear Cache). If the issue persists, consider uninstalling and reinstalling the app. For overall slow performance, free up storage space or perform a factory reset (back up data first).

If these steps do not resolve your issue, please contact customer support for further assistance.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	DOOGEE
Model Name	Blade 20 Ultra
Operating System	Android 14
CPU Model	Mediatek Dimensity 8100 (Note: Feature bullets mention Spreadtrum T7250, but specifications list Mediatek Dimensity 8100. Relying on specifications for accuracy.)
RAM	8 GB (expandable to 32GB with virtual RAM)
Storage Capacity	512 GB (expandable up to 2TB with TF card)
Main Screen Size	6.6 Inches
Main Screen Resolution	720 x 1612
Refresh Rate	90 Hz
Rear Smart Screen	1.54 Inches
Cellular Technology	4G
SIM Card Slots	Triple SIM (2 Nano SIM + 1 TF Card)

Feature	Specification
Rear Camera Resolution	50 Megapixels (Main)
Front Camera Resolution	8 Megapixels
Battery Capacity	10300 mAh
Charging	18W Fast Charging, OTG Reverse Charging
Biometric Security	Face Recognition, Side Fingerprint Sensor
Water Resistance Level	IP68/IP69K (Waterproof)
Military Standard	MIL-STD-810H
Connectivity Technology	NFC, LTE
GPS Functionality	True (GPS, Glonass, Galileo, Beidou)
Audio Jack	3.5 mm Jack
Item Dimensions	17.4 x 8.1 x 1.6 centimeters

8. WARRANTY AND SUPPORT

DOOGEE is committed to providing reliable products and customer service.

8.1 Product Warranty

Your DOOGEE Blade 20 Ultra smartphone comes with a **1-Year Warranty Service** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized repairs, or normal wear and tear.

8.2 Customer Support

For any technical assistance, troubleshooting, or warranty inquiries, please contact DOOGEE customer support. We offer **7x24 Hours Customer Service** to ensure your issues are addressed promptly.

- Refer to the contact information provided on the official DOOGEE website or your warranty card.
- Have your product model and serial number ready when contacting support.



Image: Icons representing DOOGEE's service commitment, including a 1-year warranty and 7x24 hour customer service.

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This manual is for informational purposes only. Specifications are subject to change without notice.