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> DOOGEE Blade 20 Pro Rugged Smartphone User Manual

DOOGEE BLADE20PRO

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Model: BLADE20PRO

INTRODUCTION

The DOOGEE Blade 20 Pro is a robust and high-performance rugged smartphone designed to withstand challenging environments while offering advanced features. It operates on Android 15, boasts a large 11800mAh battery, a versatile 50MP camera system, and a powerful 125dB speaker. This manual provides essential information for optimal use and care of your device.



Figure 1: DOOGEE Blade 20 Pro Overview

SETUP

1. Package Contents

Verify that all items are present in the package:

- 1 x DOOGEE Blade 20 Pro Outdoor Smartphone
- 1 x USB Type-C Cable

- 1 x 18W Charger
- 1 x Reinforced Protective Film
- 1 x Packaging Box
- 1 x User Manual
- 1 x Service Card



Figure 2: Package Contents

2. SIM and TF Card Installation

The DOOGEE Blade 20 Pro supports two Nano SIM cards and one TF (microSD) card simultaneously. Locate the SIM card tray on the side of the device. Use the provided SIM ejector tool (if included) to open the tray. Carefully place your Nano SIM cards and TF card into their respective slots, ensuring correct orientation. Close the tray securely.



Figure 3: SIM and TF Card Slots

3. Initial Charging and Power On

Before first use, fully charge the device using the provided 18W charger and USB Type-C cable. Connect the cable to the phone's USB-C port and the charger to a power outlet. Once charged, press and hold the power button (located on the side) until the DOOGEE logo appears. Follow the on-screen instructions to complete the initial setup, including language selection and network configuration.

OPERATING INSTRUCTIONS

1. Android 15 Operating System

Your DOOGEE Blade 20 Pro runs on Android 15, offering an optimized user interface and enhanced performance. Navigate through the system using gestures, access applications from the home screen or app drawer, and customize settings to your preference. Android 15 includes features for improved privacy, multitasking, and smart device connectivity.



Figure 4: Android 15 Interface

2. Display and Audio

The device features a 6.6-inch HD+ display with a 90Hz refresh rate, providing clear visuals and smooth scrolling. The integrated 3.5W speaker delivers a maximum volume of 125dB, suitable for outdoor use or noisy environments.



Figure 5: 125dB Speaker System

3. Camera Functions

The DOOGEE Blade 20 Pro is equipped with a triple camera system:

- **50MP AI Main Camera:** For high-resolution photos in various conditions.
- **20MP Night Vision Camera:** Captures clear images in low-light or complete darkness.
- **8MP Front Camera:** For selfies and video calls.

Access various shooting modes, including AI enhancements, night mode, portrait, and panorama, through the camera application.

Profilo sottile, nucleo robusto
Progettato per resistere a test intensi

- oltre 300** test di caduta
- oltre 8.000** test di micro cadute
- oltre 16** simulazioni di cadute pesanti
- 24 ore** Test di immersione di

*I risultati dei test si basano sulle condizioni di Doogee Lab solo a titolo di riferimento.

Figure 6: Camera System Overview

Modalità Smart Camera per ogni momento

- Riduzione del rumore multi-frame
- Anti-sfarfallio (on/off)
- Modalità Pro
- Modalità Panoramica
- Modalità Bellezza
- Modalità Ritratto
- Modalità Scatto a raffica
- HDR

Figure 7: Smart Camera Modes

4. Battery and Charging

The 11800mAh battery provides extended usage times, with up to 58 days of standby. Utilize the 18W fast charging feature for quick power replenishment. The device also supports OTG reverse charging, allowing it to act as a power bank for other devices.

Processore octa-core Unisoc T7200

Prestazioni fluide, veloci ed efficienti

 **12nm**
Processore avanzato a

 **Octa-core**
Processore



Figure 8: Battery Performance

5. Security and Connectivity

- **Biometric Unlock:** Use fingerprint recognition or Face ID for quick and secure access.
- **NFC:** Supports mobile payments and quick pairing with compatible devices.
- **Navigation:** Integrated GPS, GLONASS, Galileo, and Beidou systems for accurate positioning.
- **Gemini AI:** Built-in AI features for enhanced user experience, including content creation, image analysis, and language learning.

Affidabilità garantita anche dopo 5 anni

1.000 cicli di carica

Chargement et déchargement à

≥ 80%

Stato della batteria

-40 ° C per 120 ore

Funziona anche a temperature estremamente basse

70 ° C per 120 ore

Resistente al calore

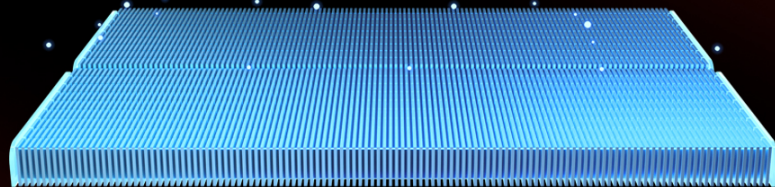


Figure 9: Gemini AI Features

MAINTENANCE

The DOOGEE Blade 20 Pro is built with ruggedness in mind, featuring IP68, IP69K, and MIL-STD-810H certifications for water, dust, and shock resistance. To ensure its longevity:

- **Cleaning:** Regularly wipe the device with a soft, damp cloth. For stubborn dirt, use a mild soap solution and rinse thoroughly, ensuring all port covers are sealed.
- **Protection:** While rugged, avoid unnecessary drops or impacts. Ensure all port covers (USB-C, SIM tray) are properly sealed to maintain water and dust resistance.
- **Temperature:** Operate the device within its specified temperature range. Avoid prolonged exposure to extreme heat or cold.

- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the device using the original charger and cable.

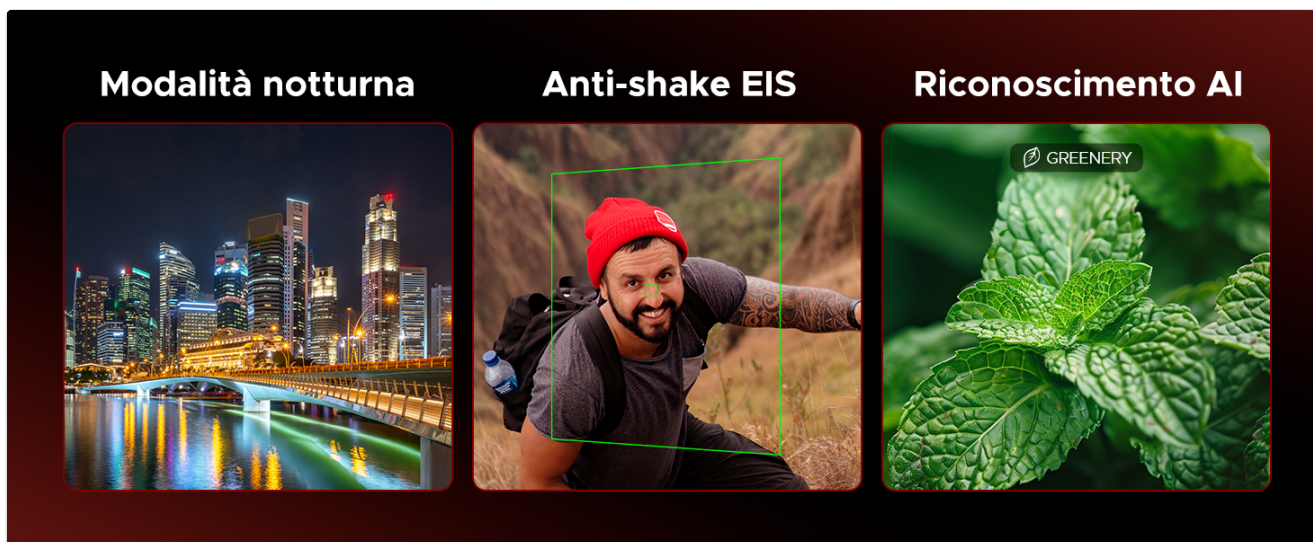


Figure 10: Durability Features

TROUBLESHOOTING

If you encounter issues with your DOOGEE Blade 20 Pro, try the following basic troubleshooting steps:

- **Device Unresponsive:** Press and hold the power button for about 10-15 seconds to force a restart.
- **Charging Issues:** Ensure the USB cable and charger are securely connected and undamaged. Try a different power outlet.
- **Network Connectivity:** Check if your SIM card is properly inserted. Toggle Airplane Mode on and off. Restart the device.
- **App Malfunctions:** Clear the cache and data of the problematic app in Settings > Apps. If the issue persists, uninstall and reinstall the app.
- **Slow Performance:** Close unnecessary background applications. Clear system cache (if available in recovery mode) or perform a factory reset (*Note: This will erase all data. Back up important information first*).

For more complex issues, refer to the official DOOGEE support resources or contact customer service.

SPECIFICATIONS

Feature	Specification
Brand	DOOGEE
Model Name	BLADE20PRO
Operating System	Android 15
RAM Size	24 GB (6GB physical + up to 18GB virtual)
Storage Capacity	256 GB (Expandable up to 2 TB via TF card)
Display Resolution	720 x 1612 (HD+)

Feature	Specification
Display Type	LCD
Display Size	6.6 inches
Refresh Rate	90 Hz
Rear Camera Resolution	50 MP (Main) + 20 MP (Night Vision)
Front Camera Resolution	8 MP
Battery Capacity	11800 mAh
Charging	18W Fast Charging, OTG Reverse Charging
SIM Card Slots	Dual SIM (Nano SIM)
Biometric Features	Fingerprint Recognition, Face ID
Connectivity	4G LTE, NFC, Wi-Fi 5
Navigation	GPS, GLONASS, Galileo, Beidou
Durability	IP68, IP69K, MIL-STD-810H (Waterproof, Dustproof, Shockproof)
Speaker	125dB High-Performance Speaker
Processor	UNISOC T7200 Octa-Core

Fino a 24GB di RAM + 256GB di ROM
Ampia memoria, multitasking senza interruzioni

- Massimo 24GB di RAM**
6GB di RAM di base + 18GB di RAM virtuale
- 256GB di memoria integrata**
Espandibile fino a 2TB

*Scheda TF da 2TB venduta separatamente.

Figure 11: UNISOC T7200 Processor

WARRANTY AND SUPPORT

For warranty information, please refer to the service card included in your product package or visit the official DOOGEE website. If you require technical assistance or have questions not covered in this manual, please contact DOOGEE customer support through their official channels. Keep your purchase receipt and product serial number handy when contacting support.

