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## DOOGEE N50S

# DOOGEE N50S Cell Phone User Manual

MODEL: N50S

## Introduction

This manual provides essential information for setting up, operating, and maintaining your DOOGEE N50S smartphone. Please read it carefully to ensure proper use and to maximize the device's performance and longevity.



Figure 1: DOOGEE N50S Smartphone Overview. This image displays the front and back of the DOOGEE N50S smartphone, highlighting its sleek design.

## 1. Setup

### 1.1 Package Contents

Before starting, verify that all items are present in the package:

- DOOGEE N50S Smartphone
- Charger (10W)
- USB Type-C Cable
- SIM Ejector Tool
- Quick Start Guide (if included)
- Warranty Card (if included)

### 1.2 SIM Card and TF Card Installation

The DOOGEE N50S supports dual Nano-SIM cards or one Nano-SIM card and one TF (microSD) card for expandable storage up to 1TB.

1. Locate the SIM card tray on the side of the phone.
2. Insert the SIM ejector tool into the small hole next to the tray and press gently until the tray pops out.
3. Place your Nano-SIM card(s) and/or TF card into the designated slots on the tray. Ensure the cards are correctly oriented as indicated on the tray.
4. Carefully push the tray back into the phone until it is flush with the side.



*Figure 2: SIM and TF Card Installation. This image illustrates the proper placement of SIM and TF cards into the phone's tray.*

### **1.3 Initial Power On and Charging**

To power on your device, press and hold the Power button located on the side until the DOOGEE logo appears. For first-time use, it is recommended to fully charge the device.

- Connect the USB Type-C cable to the phone's charging port and the other end to the provided 10W charger.
- Plug the charger into a power outlet.
- The battery icon on the screen will indicate charging status.



Figure 3: Charging the DOOGEE N50S. This image shows the phone connected to its charger, indicating the charging process.

## 2. Operating Your DOOGEE N50S

### 2.1 Android 13 Operating System

Your DOOGEE N50S runs on Android 13, offering enhanced privacy controls, personalized interface options, and improved performance. Navigate through the system using gestures or the traditional navigation bar.



Figure 4: Android 13 Interface. This image illustrates the Android 13 operating system running on the DOOGEE N50S, showcasing its modern interface.

### 2.2 Display Features

The device features a 6.52-inch HD+ IPS LCD Waterdrop Screen with a resolution of 1600 x 720 pixels, 20:9 aspect ratio, 390 nits peak brightness, and 1000:1 contrast ratio. This display provides clear visuals for various content.



Figure 5: Display Specifications. This image details the key features of the DOOGEE N50S's 6.52-inch HD+ Waterdrop Screen.

### 2.3 Camera Usage

The DOOGEE N50S is equipped with a 20MP AI main camera and an 8MP front camera. The AI camera includes features like AI scene detection and HDR for improved photo quality. The front camera offers portrait enhancements for selfies.

- Open the Camera application from your home screen or app drawer.
- Select your desired mode (Photo, Video, Portrait, Pro, Panorama, etc.).
- Tap the shutter button to capture images or start/stop video recording.
- Switch between front and rear cameras using the camera toggle icon.

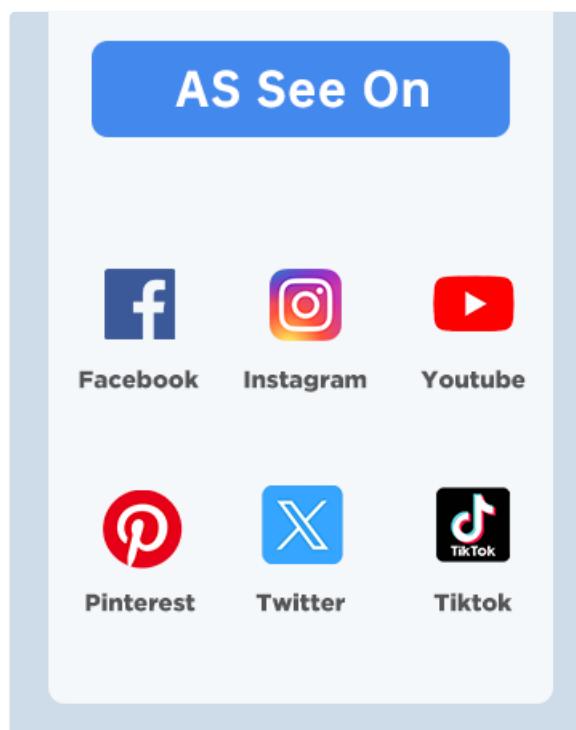


Figure 6: Camera Features. This image highlights the 20MP AI main camera and its various modes, along with sample photography.

## 2.4 Performance and Storage

The phone is powered by a Unisoc T606 Octa-core processor. It comes with 9GB RAM (4GB physical + 5GB virtual) and 128GB internal storage, expandable up to 1TB via a TF card.



Figure 7: Processor and Memory. This image illustrates the Unisoc T606 Octa-core processor, 9GB RAM, and 128GB ROM with 1TB expansion capability.

## 2.5 Connectivity and Multimedia

The DOOGEE N50S supports 4G cellular technology, dual-band Wi-Fi (2.4GHz & 5GHz), and GPS, GLONASS, BeiDou, and Galileo navigation systems. It also features Widevine L1 support for high-quality streaming and a 3.5mm earphone port for audio.



Figure 8: Connectivity and Features. This image displays various features including Widevine L1 support, 4G Dual SIM,

GPS, Face ID, Smart PA, and the 3.5mm earphone port.

Your browser does not support the video tag.

Video 1: DOOGEE N50S Overview. This video provides a general overview of the DOOGEE N50S smartphone, showcasing its design and key functionalities.

## 2.6 Security Features

The DOOGEE N50S includes Face Unlock for convenient and secure access to your device.

- To set up Face Unlock, navigate to [Settings > Security & privacy > Face unlock](#) and follow the on-screen instructions.

## 3. Maintenance

### 3.1 Battery Care

The device is equipped with a 4200mAh battery. To prolong battery life:

- Avoid extreme temperatures.
- Do not let the battery drain completely regularly.
- Use the provided charger for optimal charging.
- Close unused applications running in the background.

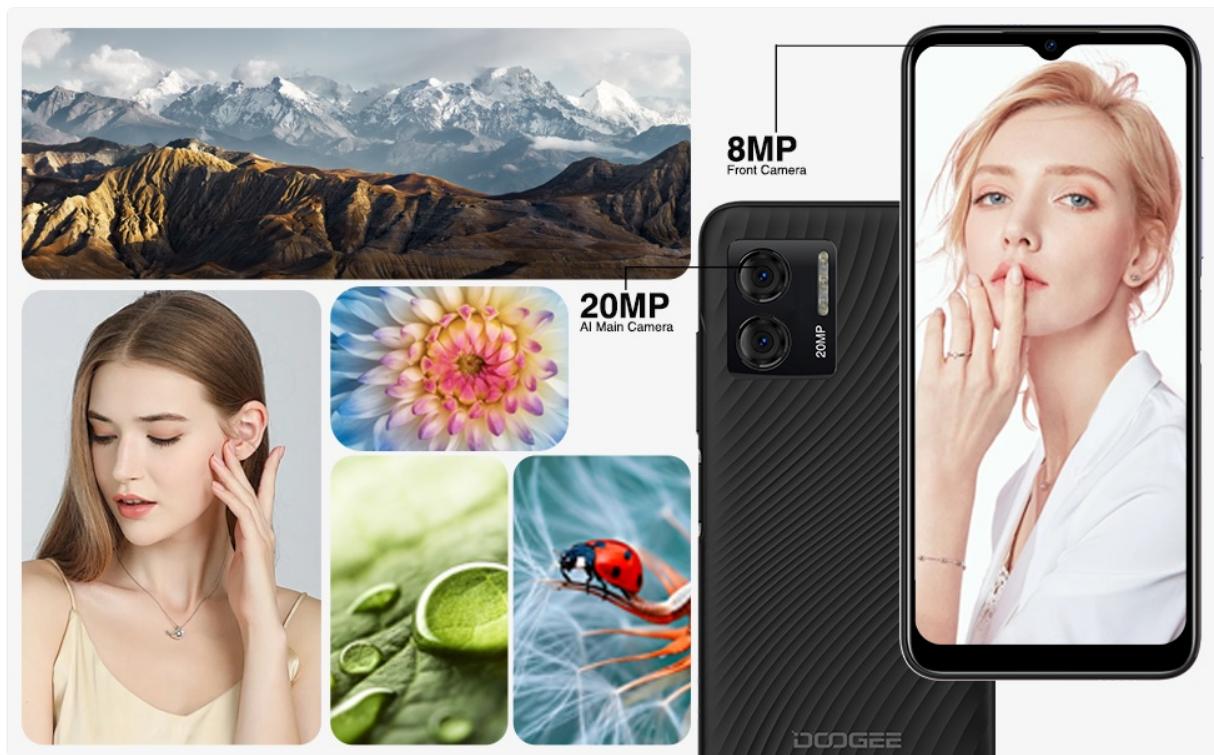


Figure 9: Battery Performance. This image illustrates the expected battery life for various usage scenarios with the 4200mAh battery.

### 3.2 Software Updates

Regularly check for software updates to ensure your device has the latest features, security patches, and performance improvements. Navigate to [Settings > System > System update](#) to check for and install updates.

### 3.3 Cleaning Your Device

Use a soft, lint-free cloth to clean the screen and body of your phone. Avoid using harsh chemicals or abrasive materials.

## 4. Troubleshooting

Problem	Possible Solution
Phone does not power on	Ensure the battery is charged. Press and hold the Power button for at least 10 seconds to force a restart.
Poor call quality or dropped calls	Check your network signal strength. Ensure your SIM card is properly inserted. Contact your carrier if the issue persists.
Touchscreen unresponsive	Restart the phone. If the issue continues, perform a factory reset (backup data first).
Battery drains quickly	Reduce screen brightness, close background apps, disable unused features like GPS or Wi-Fi when not needed. Check for power-intensive apps.
Cannot connect to Wi-Fi	Ensure Wi-Fi is enabled. Restart your router and phone. Verify the Wi-Fi password.

## 5. Specifications

Feature	Detail
Model	DOOGEE N50S
Operating System	Android 13.0
Processor	Unisoc T606 Octa-core
RAM	9GB (4GB + 5GB Extended)
Internal Storage	128GB
Expandable Storage	Up to 1TB via TF Card
Display	6.52-inch HD+ IPS Waterdrop Screen (1600x720)
Rear Camera	20MP AI Main Camera
Front Camera	8MP
Battery Capacity	4200mAh
Charging	10W Fast Charging
Connectivity	4G, Dual-band Wi-Fi, Bluetooth, GPS, GLONASS, BeiDou, Galileo
Security	Face Unlock

Feature	Detail
Audio Port	3.5mm Earphone Port
Dimensions	7.6 x 4.02 x 2.09 inches (Package)
Weight	15.5 ounces

## 6. Warranty and Support

For warranty information and technical support, please refer to the warranty card included in your product package or visit the official DOOGEE website. Keep your purchase receipt as proof of purchase.

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