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› DOOGEE V31GT 5G Rugged Smartphone Unlocked,20GB+256GB Rugged Phone with Thermal Imaging Camera
1440*1080,10800mAh/66W,120Hz 6.6"FHD+,Dimensity 1080,Android 13,50MP Camera,IP68 Waterproof Phone,OTG/NFC

DOOGEE V31GT

DOOGEE V31GT 5G Rugged Smartphone User Manual

Model: V31GT

INTRODUCTION

Welcome to the user manual for your new DOOGEE V31GT 5G Rugged Smartphone. This device is engineered for durability and high performance, featuring advanced thermal imaging capabilities, a powerful processor, and a long-lasting battery. This manual provides essential information for setting up, operating, and maintaining your device to ensure optimal performance and longevity.



Image: Front and back view of the DOOGEE V31GT 5G Rugged Smartphone, showcasing its robust design and camera module.

PACKAGE CONTENTS

Upon unboxing your DOOGEE V31GT, please verify that all items listed below are present:

- DOOGEE V31 GT Rugged Smartphone
- Type-C USB Cable
- Power Charger
- Anti-explosion film (pre-applied)

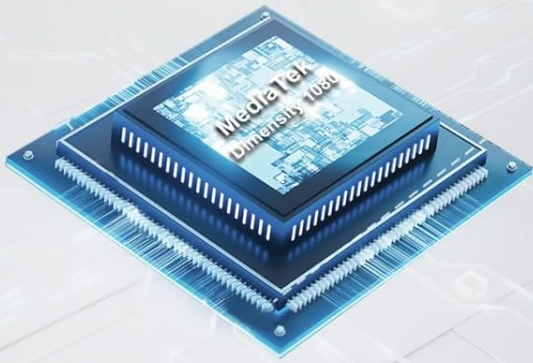
- Anti-explosion film (spare)
- User manual (this document)
- Warranty card

PRODUCT OVERVIEW

The DOOGEE V31GT is designed for demanding environments, integrating cutting-edge technology with a rugged build. Key features include:

- **Thermal Imaging Camera:** High-resolution 1440x1080 thermal camera for various applications.
- **Powerful Performance:** Dimensity 1080 processor with 20GB RAM (12GB physical + 8GB virtual) and 256GB ROM.
- **Massive Battery:** 10800mAh battery with 66W super fast charging.
- **Durable Design:** IP68/IP69K and MIL-STD-810H certified for water, dust, and shock resistance.
- **Advanced Camera System:** 50MP AI Main Camera, 24MP Night Vision Camera, 8MP Fusion Camera, and 32MP Front Camera.
- **Display:** 6.6-inch FHD+ display with 120Hz refresh rate.

Dimensity 1080



Thermal Imaging



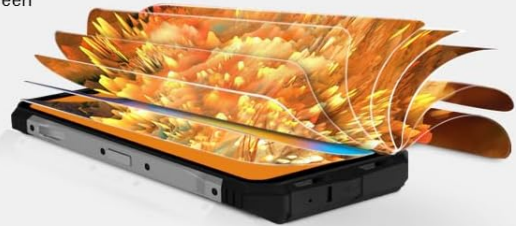
AI Triple Camera 50MP+24MP+8MP



20GB RAM + 256GB ROM



6.58" FHD 120Hz IPS Screen



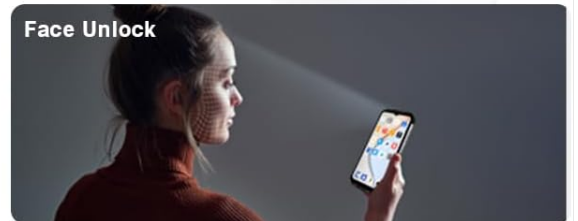
10800mAh Battery



Side Fingerprint Recognition



Face Unlock



NFC Google Pay



Android 13.0



Powerful Dual Speakers by Hi-Res



Image: Diagram illustrating key features such as Dimensity 1080 processor, AI Triple Camera, 10800mAh battery, side fingerprint recognition, and face unlock.

10800mAh Long Massive Battery



960H
Standby



60H
Music



45H
Calling



28H
Video



Image: Visual demonstration of the phone's shockproof (1.5m drop resistant), waterproof (up to 1.5m for 30 minutes), and dustproof (PM2.5 protection) features.

SETUP GUIDE

1. Inserting SIM Cards and TF Card

The DOOGEE V31GT supports dual Nano-SIM cards and a TF (microSD) card for expandable storage.

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/or TF card into the designated slots. Ensure they are correctly oriented.
4. Gently push the tray back into the device until it clicks into place.



960H
Standby



60H
Music



47H
Calling



28H
Video

10800mAh



Image: Close-up of the dual Nano-SIM and TF card tray, showing proper insertion of cards.

2. Initial Power On and Setup

1. Press and hold the Power button (located on the side) until the DOOGEE logo appears.
2. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, and Google account sign-in.
3. For optimal security, set up your preferred screen lock method (PIN, pattern, password, fingerprint, or face unlock).

OPERATING INSTRUCTIONS

Basic Phone Functions

- **Making Calls:** Open the Phone app, dial the number, and tap the call icon.
- **Sending Messages:** Open the Messages app, start a new conversation, enter the recipient and message, then send.
- **Internet Connectivity:** Connect to Wi-Fi via Settings > Network & internet > Wi-Fi, or enable mobile data via Settings > Network & internet > Mobile network.

Camera Usage

The DOOGEE V31GT features a versatile camera system for various photography needs.

- **Main Camera (50MP AI):** For high-resolution photos in various lighting conditions.
- **Night Vision Camera (24MP):** Utilizes infrared sensors for clear images in extremely low light or complete darkness.
- **Thermal Imaging Camera (8MP Fusion):** Detects heat signatures and displays them as thermal images. Ideal for

identifying heat leaks, observing wildlife, or safety inspections.

- **Front Camera (32MP):** For selfies and video calls.

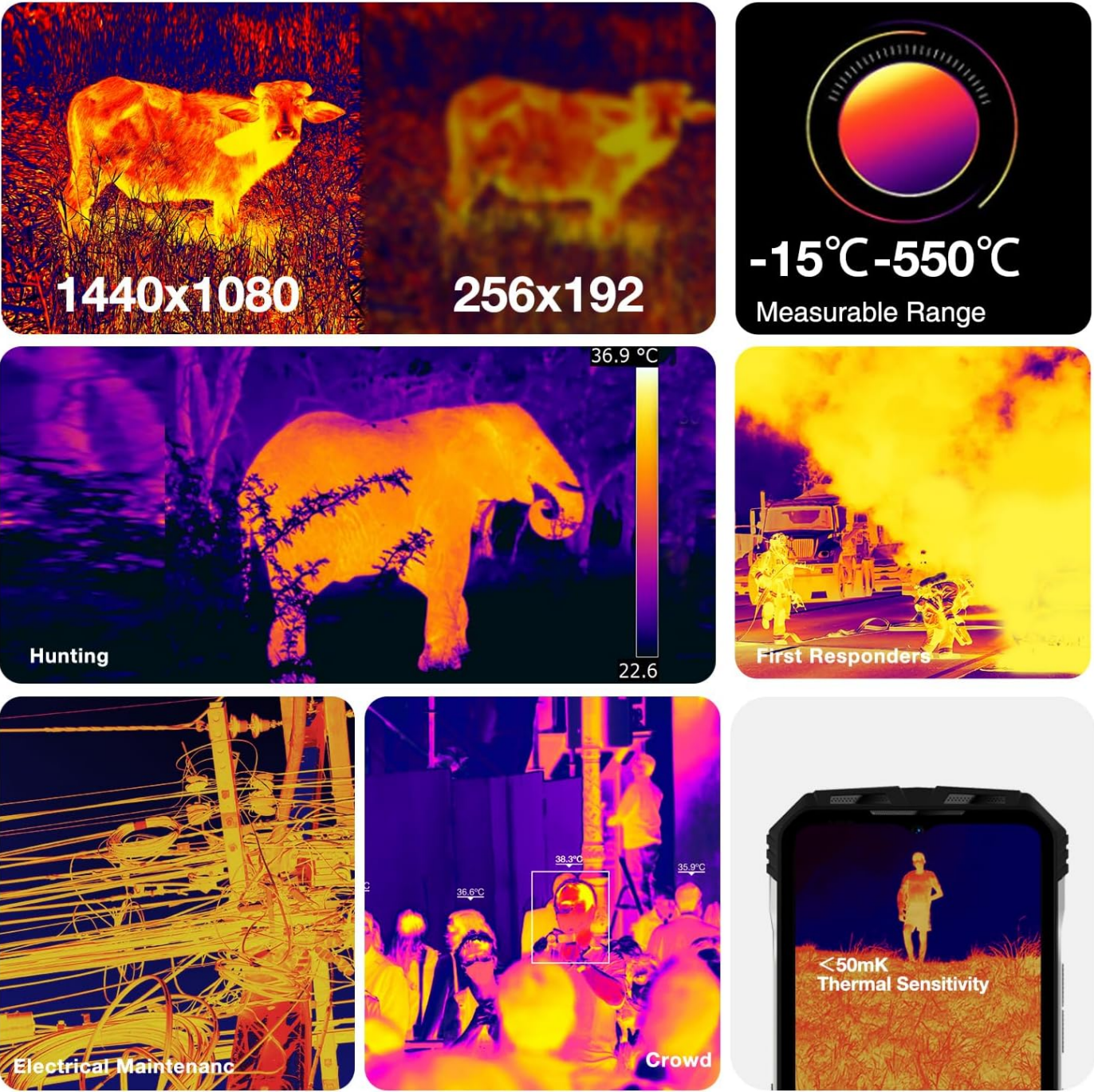


Image: The phone's screen displaying a thermal image of a bird with temperature readings, highlighting the thermal imaging capability.

6.58" FHD+ Smooth Screen



2408x1080

FHD+



120Hz

Ultra-High Refresh Rate



Image: Interface showing various camera modes available on the DOOGEE V31GT, such as HDR, Pro Mode, Portrait, and Night Mode.

20GB RAM + 256GB ROM

Hassle-free for storing large videos, apps, photos, and others

12GB
RAM

8GB
Virtual RAM

256GB
ROM

2TB
TF Expandable



Image: Examples of thermal imaging applications, including use by first responders, for wild animal detection, and for electrical

maintenance.

Your browser does not support the video tag.

Video: Demonstrates the DOOGEE V31GT's all-round outdoor photography system, including its night vision capabilities in urban settings.

Your browser does not support the video tag.

Video: Highlights the flagship 5G thermal imaging system of the DOOGEE V31GT rugged phone, showing its robust design and camera features.

Your browser does not support the video tag.

Video: Showcases the DOOGEE V31GT 5G Unlocked Smartphone's durability, including its waterproof capabilities when dropped into water.

Special Features

- **NFC (Near Field Communication):** Enable NFC in settings to use features like Google Pay for contactless payments or quick data transfer with compatible devices.
- **Side Fingerprint Recognition:** Register your fingerprints in Settings > Security & privacy > Fingerprint unlock for quick and secure access.
- **Face Unlock:** Set up face recognition in Settings > Security & privacy > Face unlock for convenient unlocking.
- **GPS:** Utilize the built-in GPS for navigation and location-based services. Supports GPS, Glonass, Galileo, Beidou, and AGPS.



Image: A user making a contactless payment using the NFC feature of the DOOGEE V31GT.



Image: A hand demonstrating the side-mounted fingerprint recognition sensor on the DOOGEE V31GT.

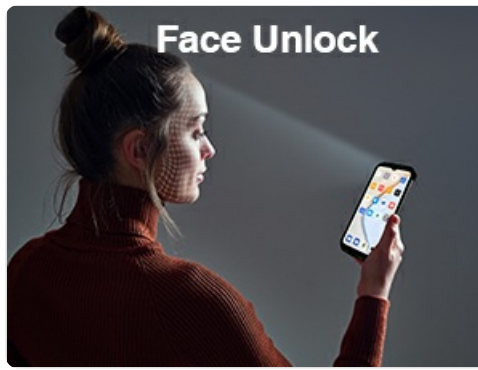


Image: A user unlocking the DOOGEE V31GT using the face unlock feature.

Battery Management

The 10800mAh battery provides extended usage. To maximize battery life:

- Use the provided 66W fast charger for quick recharging.
- Adjust screen brightness and screen timeout settings.
- Close unused apps running in the background.
- Enable Battery Saver mode when needed.



50MP

AI Main Camera



8MP

Fusion Camera
(Thermal imaging camera)



24MP

Night Vision Camera



32MP

Front Camera



Image: Visual representation of the 10800mAh battery and its 66W super fast charging capability, showing 50% charge in 30 minutes.

MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and body. Avoid abrasive materials or harsh chemicals.
- **Water Exposure:** While waterproof, ensure all port covers are securely closed before exposing the device to water. Rinse with fresh water after exposure to saltwater or other liquids.
- **Temperature:** Avoid exposing the phone to extreme temperatures (hot or cold) for prolonged periods.
- **Software Updates:** Regularly check for and install system updates to ensure optimal performance and security.

TROUBLESHOOTING

Problem	Possible Solution
Device won't power on	Ensure the battery is charged. Connect to the charger for at least 10 minutes before attempting to power on again.
Poor network signal	Check SIM card insertion. Move to an area with better network coverage. Restart the device.
Apps crashing or freezing	Clear app cache (Settings > Apps > [App Name] > Storage > Clear cache). Restart the device. Update the app or system software.
Thermal camera not working	Ensure the camera lens is clean. Restart the camera app or the device. Check for system updates.
Battery drains quickly	Reduce screen brightness, close background apps, disable unnecessary features (GPS, Wi-Fi, Bluetooth when not in use).

If issues persist, please refer to the Warranty and Support section for further assistance.

SPECIFICATIONS

Feature	Detail
Model	V31GT
Operating System	Android 13.0
Processor	Dimensity 1080 (2.6GHz)
RAM	20 GB (12GB physical + 8GB virtual)
Internal Storage	256 GB
Expandable Storage	Up to 2TB TF Card
Display Size	6.6 Inches FHD+
Resolution	1080 x 2408
Refresh Rate	120 Hz
Main Camera	50MP AI Main Camera
Night Vision Camera	24MP
Thermal Imaging Camera	8MP Fusion Camera (1440x1080 resolution)
Front Camera	32MP

Feature	Detail
Battery Capacity	10800 mAh
Charging	66W Super Fast Charging
Durability	IP68, IP69K, MIL-STD-810H
Connectivity	5G, Wi-Fi 6, Bluetooth, NFC, OTG
Navigation	GPS, Glonass, Galileo, Beidou, AGPS
Dimensions	7.03 x 3.27 x 0.7 inches
Weight	13.8 ounces (390 grams)

WARRANTY AND SUPPORT

DOOGEE is committed to providing reliable products and excellent customer service.

- **Warranty:** Your DOOGEE V31GT comes with a 2-Year Limited Warranty. Please refer to the included Warranty Card for full terms and conditions.
- **Money Back Guarantee:** A 30-Day Money Back Guarantee and Free Return policy is available for eligible purchases.
- **Online Support:** For technical assistance or inquiries, 24/7 Online Support is available. Please visit the official DOOGEE website or contact their customer service channels for detailed support options.

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For more information, visit www.doogee.cc

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question