

# DOOGEE V50

- Android 16
- RGB atmosphere light
- AI Cute Pets
- AI assistant
- AI function
- Support Bluetooth Walkie Talkie function
- Support Push-to-Talk over Cellular
- MediaTek Dimensity 8300 / 3.35GHz / 4nm / Octa Core
- 48GB RAM (12GB+Up to 36GB Extended RAM) / LPDDR5
- 256GB ROM / POP (LPDDR5+UFS)
- AI Quad camera (200MP+8MP+20MP+8MP)
- S5KHP2 200MP main camera
- 8MP Ultra Wide Angle & macro camera
- 20MP Night vision camera
- 8MP Long focus camera / 3.0 x optical zoom / 50x digital zoom
- 32MP front camera
- 11000mAh Large battery
- 66W super fast charging
- 6.78 inch FHD+ IPS Notch-less Punch Display / 120Hz
- Side Fingerprint Recognition
- Support face unlock
- NFC Supports Google Pay
- Support WiFi6E (802.11ax/ac/b/g/n)
- Support Bluetooth 5.4
- X-axis linear motor
- Triple Card Slot (Support 2 SIM Cards + 1 TF Card)
- MIL-STD-810H / IP68



Black / Silver / Green

## Basic Information

**Model:** V50  
**Battery:** 11000mAh  
**Operating system:** Android 16  
**Memory:** 48GB RAM (12GB+Up to 36GB Extended RAM)+256GB ROM  
**External Storage:** T-Flash Card up to 2 TB  
**Charger interface:** Type-C port / 66W Charger

## Processor & GPU

**MediaTek Dimensity 8300 / 3.35GHz / 4nm / Octa Core**  
4\* Arm Cortex-A715 up to 3.35GHz  
4\* Arm Cortex-A510 up to 2.2GHz  
**Arm Mali-G615 MC6 GPU**

## Certification

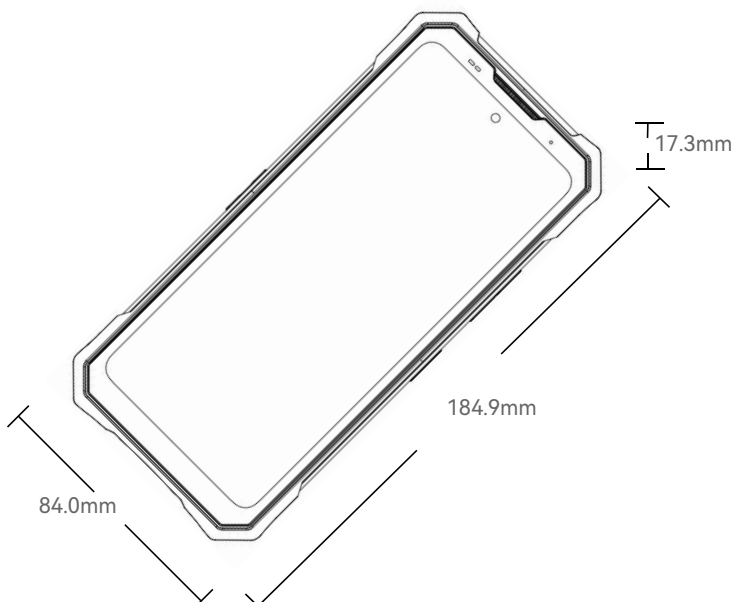
**Battery certification**  
UN38.3 / MSDS / Air Freight / Maritime Transport

**Hardware certification**  
CE(IEC62133 / ROHS / SAR) / FCC

**Software certification**  
GMS

## Dimensions

**Height:** 184.9 mm  
**Width:** 84.0 mm  
**Thickness:** 17.3 mm



## Camera

**200MP main camera**  
· S5KHP2 Sensor chip  
· 1/1.3 inch Optical Format  
· 7P Lens  
· F/1.8 Aperture  
· 85° FOV  
· Support PDAF  
· Supports Rear Flashes

**8MP Wide Angle & macro camera**  
· F/2.2 ± 5% Aperture  
· 119° FOV

**20MP Night vision camera**  
· IMX350 Sensor chip  
· 1/2.78 inch Optical Format  
· F/1.8 ± 5% Aperture  
· 77° FOV

**8MP Long focus camera**  
· Hi847 Sensor chip  
· F/2.4 ± 5% Aperture  
· 3.0 x optical zoom / 50x digital zoom

**32MP Front camera**  
· S5KGD1SP Sensor chip  
· 80.4°FOV  
· F/2.25 ± 5% Aperture

## Camera Function

**Main camera support**  
HDR / AI Camera / Video / Picture / Water Mark / Beauty / Pro Mode / Portrait / GIF / Night Vision / Panorama / Filter/ QR Code / Film / 200MP / Mono / Anti flicker / slow motion / AI emoji / Wide Angle / Macro

**Rear video capture**  
· 4K video capture  
· 1080p video capture  
· 720p video capture  
· 480p video capture

**Front camera support**  
Video / Picture / Portrait / water mark / GIF / Beauty / Mono / Filter / Anti flicker / Mirror / AI emoji

**Front video capture**  
· 1080p video capture  
· 720p video capture  
· 480p video capture

## Battery

**11000mAh Large battery**

## Charging

**66W super fast charging**

## Display

**6.78 inch FHD+ IPS Notch-less Punch Display**  
· 1080\*2460 Resolution  
· 120Hz  
· 396 PPI Pixel density  
· 16.7 million colors  
· IPS Screen  
· 20.5:9 Aspect Ratio  
· 550cd/m<sup>2</sup> Brightness  
· 1500:1 Contrast

## Fingerprint ID

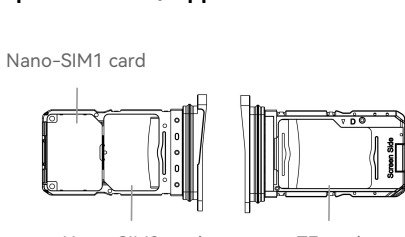
**Side Fingerprint Recognition**  
· 0.1s response speed  
· 360° identification angle  
· Capacitance touch sensor  
· 564DPI scanning resolution

## RGB atmosphere light

**RGB atmosphere light**  
· Supports lighting effects activating when answering calls, receiving message notifications, charging, and playing music.  
· Allows users to customize applications and illuminate when receiving application notifications.  
· Supports pulse, breathing, heartbeat, flowing light, leaping, and flywheel lighting effect modes, with color selection available.  
· Supports ambient light brightness adjustment.

## Networks & Connectivity

**Triple Card Slot (Support 2 SIM Cards + 1 TF Card)**



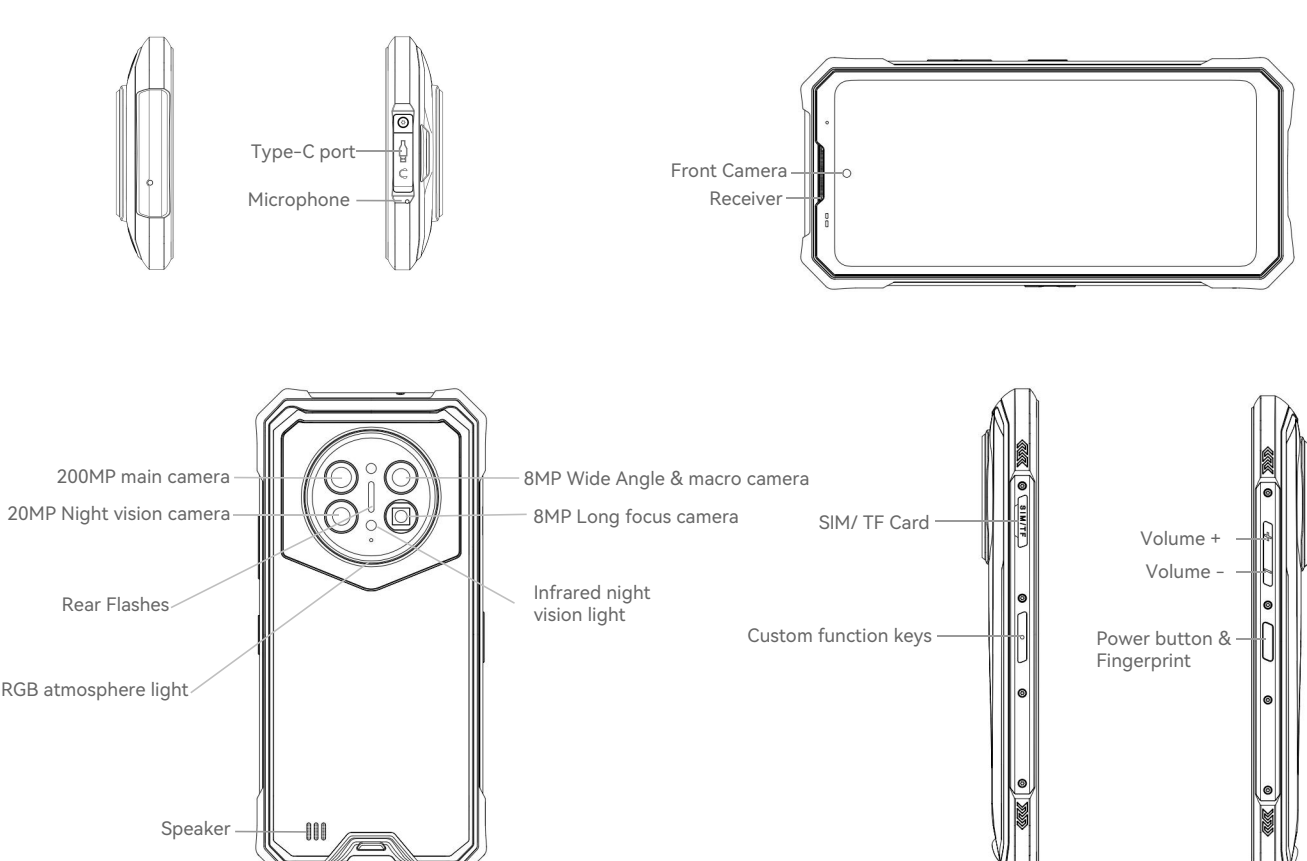
**Supported network bands**  
NR: N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N71/N77/N78/N79  
FDD: B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28A/28B/66/71  
TDD: B34/38/39/40/41  
WCDMA: B1/2/4/5/6/8/19  
GSM: B2/3/5/8  
Support EDGE/GPRS

**Wireless network**  
WiFi: WiFi6E (ax/ac/a/b/g/n)  
Bluetooth: BT5.4  
FM: Support  
NFC: Support  
OTG: Support

**Navigation**  
GPS | Glonass | Galileo | Beidou  
L1+L5

\*FM: Plug in headphones to support external playback  
\*NFC: It depends on whether the local country supports it  
\*OTG: Supports reverse charging

## Buttons



## Hardware Sensor

Rapid Charge  
Sound Amplifier  
G-sensor  
Proximity sensor  
Ambient light sensor  
Compass (magnetic)  
Geomagnetism  
Gyroscope

## Multimedia Support

**Video**  
Video playback : Support MP4, MKV, MOV, ASF, FLV and other video formats  
Video produce: Highest support 4K@30fps video shooting

**Audio**  
Support MP3, M4A, MKA, AMR And other video formats

**Image**  
JPEG, BMP, GIF, PNG etc

## Languages

English, Spanish, Portuguese (Brazil), Portuguese (Portugal), Italian,German, French, Russian, Arabic, Malay, Thai, Greek, Ukrainian,Croatian, Czech,Simplified Chinese, Traditional Chinese.  
(It has up-dated 48 languages)

## Package Contents

- 1 x Cellphone
- 1 x Type-C USB Cable
- 1 x Charger
- 1 x Screen-printed Protective Film (Pre-applied)
- 1 x Anti-explosion film
- 1 x Packing Box
- 1 x User Manual
- 1 x Warranty Card
- 1 x SAR value
- 1 x App User Guide