

DS-MDT201 Series Portable Code Scanner

Introduction

DS-MDT201 series portable code scanner adopts Android operating system. It supports quick scan and recognition of mainstream one dimensional codes and QR codes. It also provides various functions, including voice call, video call, 4G, Wi-Fi, satellite positioning, etc. It is applicable to retailing, warehousing management, manufacturing, e-commerce, administrative enforcement, food and medicine tracing, electricity, transportation, energy, and other fields.



Key Feature

- Supports to scan and recognize one dimensional codes and QR codes.
- 5.5" HD 720 × 1440 capacitive touch screen.
- 13 MP PDAF front camera and 5 MP rear camera.
- Octa-core 2.0 GHz ARM, 3 GB RAM, and 64 GB ROM.
- Supports 1080p HD recording and HD network transmission.
- Supports dual SIM dual standby.
- Built-in high-sensitivity satellite positioning modules of BeiDou, GPS, and Glonass.
- Waterproof, dustproof, and drop resistant for 1.5 m (IP68). Capable of all-weather field operations.
- Supports group intercom.
- Supports intelligent algorithm, facial recognition, OCR, keywords speech recognition, etc.

Typical Application

Bar codes scan.

Available Model

DS-MDT201/GLE

Specification

Model	DS-MDT201/GLE
Camera	
Image Sensor	Front camera: 5 MP Rear camera: 13 MP
Screen	
Screen Size	5.5"
Resolution	720 × 1440
Contrast	1000: 1
Max. Brightness	500 cd/m ²
Material	TFT
Screen Type	Capacitive touch screen
Lens	
Lens Focal Length	Front camera: 2.23 mm Rear camera: 3.44 mm
Focus Mode	Front camera: Fixed Rear camera: Auto
Image	
Horizontal FOV	Front camera: 61.3° Rear camera: 67.9°
Vertical FOV	Front camera: 46° Rear camera: 53.7°
White Balance	Supported
Video	
Record Resolution	Front camera: 1080p, 720p, 480p Rear camera: 1080p, 720p, 480p
Video Format	3GP
Image Resolution	13 M, 12 M, 10 M, 8 M, 5 M
Image Format	JPEG
Audio	
Audio Sampling Rate	8 kHz, 16 kHz, 44.1 kHz, 48 kHz
Audio Compression	AAC, AAC+, AMR, AWB, VORBIS
Audio Bit Rate	32 Kbps, 64 Kbps, 128 Kbps, 256 Kbps
Network and Connectivity	
4G Dial-up	TDD-LTE B38, TDD-LTE B39, TDD-LTE B40, TDD-LTE B41, FDD -LTE B1, FDD -LTE B3, FDD -LTE B5, FDD-LTE B8, WCDMA B1, WCDMA B8, TD-SCDMA B34, TD-SCDMA B39, CDMA EVDO BC0, GSM 900, GSM 1800
Wi-Fi Working Mode	AP, STATION
Wi-Fi Frequency Range	2.412 to 2.472 GHz, 5.15 to 5.25 GHz, 5.25 to 5.35 GHz, 5.47 to 5.725 GHz, 5.725 to 5.875 GHz
Positioning	GPS, BeiDou, Glonass
Bluetooth	5.0

NFC	Supported
General	
CPU	Octa-core 2.0 GHz
Operating System	Android 10.0
Memory	3 GB
Flash Light	Supported
Indicator	Charging indicator
Vibration	Supported
Button	On/off button, volume button, scan button
Weight	240 g (0.5 lb.)
Dimension	157 mm × 75 mm × 14 mm (6.2" × 3.0" × 0.6")
Ingress Protection	IP68
Power Supply	Battery
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	< 95%
Storage Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Storage	
Embedded Storage Media	Emmc
Embedded Storage Capacity	64 GB
Number of Extended Storage	1 TF card slot
Peripheral Device Interface	
Charging Interface	Type-C
Loudspeaker	Supported
MIC	Supported
SIM Card Slot	Up to 2 × Nano SIM card slot
Battery	
Dismountable Battery	Not supported
Battery Capacity	4900 mAh
Standby Time	> 500 h
Charging Mode	9 V/2 A (quick charge), 5 V/2 A
Battery Type	Lithium-ion battery

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