Emdoor INFO

Rugged Handheld

EM–T50

- **Android**
- **IP65**
- **GPS**
- **Camera**
- **Bluetooth**
- **2D**
- **NFC**
- **3G/4G**
- **WIFI**

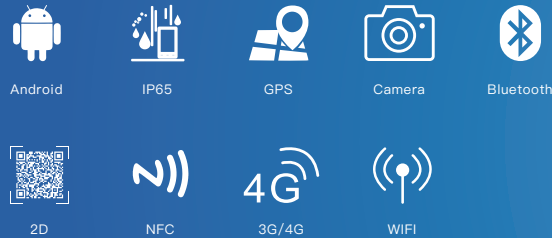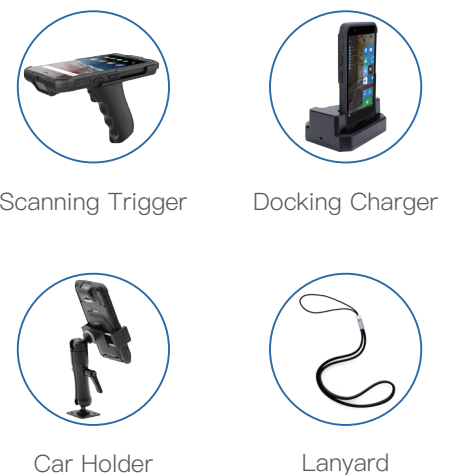## Functions

- Support for Android 11 system
- Optional 3G/4G all network communication, WiFi, Bluetooth and other communication modes
- Equipped with 4000mAh large capacity battery, the machine has a endurance of 10 hours
- IP65 high protection level, in accordance with MIL–STD–810G
- Support GPS, Glonass, Beidou(G+G+B), more accurate positioning
- Support front 5 million and rear 13 million pixel auto focus camera
- 2D, NFC and other functional modules to meet the application needs of multiple industries

Product Six Views

2D barcode Scanner

Receiver
Front Camera
Light sensor
Corning gorilla glass touch panel

Volume Button
Scanning Button

Power on/off Button
Scanning Button

Custom Button
Custom Button
Home Button
Menu Button

Microphone

Flashing light
Rear Camera
Back cover lock

Removable battery

NFC Reader

TF card slot (built–in)
SIM card slot (built–in)

USB Port
Audio port

Pogo Pin interface

Optional Accessories

Scanning Trigger

Docking Charger

Car Holder

Lanyard

* All technical data, specification and performance figures subject to change without notice.

Specification Parameter

Basic parameters	
Dimension	157.4 x 74.6 x 24.2mm
Weight	device unit 260g
Device Color	black
LCD	5 inch IPS 16:9, 720x1280, 350nits
Touch Panel	5 point G+FF capacitive touch screen Corning® Gorilla® Glass
Camera	Front 5MP Rear 13MP
I/O	Micro USB 2.0 x 1 SIM Card x 1 TF Card x 1 POGO PIN x 1 Φ3.5mm standard earphone jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 5V/2A

Communication	
WIFI	WiFi 802.11 a/b/g/n/ac (2.4G+5G)
Bluetooth	BT5.0
3G/4G (Optional)	GSM B2/B3/B5/B8 WCDMA B1/B2/B5/B8 TDS B34/B39 FDD B1/B2/B3/B4/B5/B7/B8/B13/B17/B20/28AB TDD B38/B39/B40/B41
GNSS	Built–in GPS, Glonass, Beidou (G+G+B)

Performance parameter	
CPU	MTK OCTA Core
OS	Android 11
RAM	4GB
ROM	64GB

Battery	
Capacity	3.8V/4000mAh
Type	Li_polymert, removeable battery
Endurance	10hrs (default 50% volumn, default 200 lumens brightness, play 1080P video)

Reliability	
Operate Temperature	–10 ℃ ~ 55 ℃
Store Temperature	–20 ℃ ~ 60 ℃
Humidity	95% Non–Condensing
Rugged Feature	IP65 certified, MIL–STD–810G certified
Drop Height	1.2m

Data Collection	
NFC	Built–in, 13.56MHz, ISO/IEC 14443A/B, ISO/IEC 15693, ISO/IEC 18092
2D	Support SE4710, Optional N1

Application Range

The handheld terminal with RFID UHF technology is widely used, which can meet the application in retail, storage material management, finance, express delivery, medical and other fields.

Warehouse Management

Market

Express Industry

Mobile Payment