

# M1 Intelligent Mobile Data Terminal

- Powerful Battery Life**  
 Use separate power supply method for mobile devices and RFID handle
- Extremely Durable**  
 More than IP54 protection levels to meet the applications environment of indoor and outdoor that can withstand multiple drops from a height of 1.2 meters to the cement floor. All-round to ensure the performance of waterproof, dustproof, anti-fall.
- Superior Wireless Performance**  
 Fully support for domestic and foreign TDD- LTE and FDD- LTE 4G All Netcom bands, while supporting WCDMA and GSM standard, and 802.11 a/b/g/n WiFi dual-frequency communication and Bluetooth 4.2.
- UHF RFID Recognition**  
 Carry high-performance UHF recognizing module and ultra-high sensitivity antenna (to be used with RFID handle). Recognizing distance up to 7-8m (depending on label), group recognition speeds up to 200 sheets/5 seconds.
- Professional 2D Scanning Engine**  
 Support for 1D and 2D barcode scanning.
- Powerful Handling Capacity and Superior performance**  
 Apply Ultra Fast 2.0GHz Four core 64-bit high-speed processor with the latest Android 9.0 operating system.
- Simple and generous industrial-grade aesthetic design, rugged and reliable**



## Specification

Item	Parameter
Processor / CPU	Quad-core Cortex- A53 2.0GHz
RAM	2GB
Flash Memory	16GB
Operating System	Android 9.0
Display	5" 1280*720
Touch Screen	Multi-touch to support glove touch
Extensible Storage	Micro SD card can be extended to 128GB
Button	Power, Volume+, Volume-, Left and right side scanning keys, rear programmable key
Mobile Network	Support both FDD- LTE and TDD- LTE 4G Modes LTE B1/3/5/8/38/39/40/41 China LTE B1/3/5/7/8/20/38/40 Europe UMTS B1/2/5/8 GSM B2/3/5/7/8
Physical Interface	One Type- C USB(Support OTG), 3.5mm (Audio Interface), POGO PIN
Wi-Fi	2.4G/5G WiFi(Multi-frequency) support IEEE 802.11 a/b/g/n
Bluetooth	Bluetooth 4.2 BLE
Audio	loudspeaker, reproducer, speaker
GPS	GPS & A- GPS High-accuracy
Sensor	Acceleration sensor, light sensor, distance sensor
Front camera	5 megapixel color camera
Rear Camera	8 megapixel color camera with flash, auto focus
Barcode Scanning	SE4710 Hanin 1D/2D imager s100k (compatible with Zebra SE4710), and optional SE4710 It can recognize all international universal 1D and 2D barcode, screen barcode, color barcode, and can support camera scanning
NFC	Support 13.56MHz, ISO14443 A&B, and ISO15693 protocol
RFID	Support EPC Class 1 Gen 2 (ISO 18000-6c) protocol with RFID UHF handle
Card Slot Type	Nano SIM Card, Micro SD(TF) Card



Left and right side scanning keys



Long Distance Scanning

Battery	Battery is not removable, lithium battery can be charged, battery capacity 4000mAh
Optional Accessories	①RFID UHF handle ②Scanning code trigger handle ③Wristband Protective shell sleeve for the connection of handheld machines to handle ④Seat charging base for handheld and RFID handle to charge individually or simultaneously that include: single bit charging base, five-linked seat charging base
Anti-fall Drop Protection	At room temperature, it can withstand the impact of multiple drops from 1.2 meters to the concrete floor, which in line with the requirements of MIL-STD It can withstand the impact of 300 0.5 m rolling
Protection Degree	More than IP54
Working Environment	Operating temperature-20°C to 50° C Storage temperature-40°C to 60°c

