



ST917B

UHF HANDHELD READ-WRITE INTELLIGENT TERMINAL

Android 9.0 system · UHF ultra long distance reading and writing

5.7-inch HD Durable large Display · High speed Octa-core



Android



4G



WiFi



Bluetooth



UHF



1D scanning



2D scanning



PSAM



NFC



Camera



GPS



Product parameters

Performance

| | |
|---------------|---|
| Octa core | |
| CPU | Cortex-A53 Octa-core 64-bit 2.0GHz high-performance processor |
| RAM+ROM | 3GB+32GB Supports up to 4GB+64GB |
| Expand memory | Micro SD(TF) Supports up to 128GB |
| System | Android 9.0 |

Data communication

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|-----------|--|
| WLAN | Dual-band 2.4GHz / 5GHz, Supporting IEEE 802 a/b/g/n/ac protocol |
| WWAN | 2G: GSM (850/900/1800/1900mhz) |
| | 3G: WCDMA (850/900/1900/2100mhz) |
| | 4G: FDD:B1/B3/B4/B7/B8/B12/B20 TDD:B38/B39/B40/B41 |
| Bluetooth | Support Bluetooth 2.1+EDR/3.0+HS/4.1+HS Transmission distance 5-10 meters |
| GNSS | Support Gps, Galileo, Glonass, Beidou |

Physical parameter

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|----------------------------|---|
| Dimensions | 159mm × 75mm × 124mm |
| Weight | <500g (Depends on device function configuration) |
| Display | 5.7 inch IPS color display with resolution 720*1440 |
| TP | Corning gorilla glass, Supports multi-touch Supported gloves and wet hands |
| Battery capacity | Rechargeable polymer battery (3.8V 5000MAh) removable |
| | Standby time >350 hours |
| | Working time > 12 hours |
| | Charging time 3-4H, Using standard power adapter and data cable |
| Expansion Card slot | PSAM x 2, Nano SIM card x 1 , TF card x 1 |
| Communication interface | Type-C USB x 1, OTG |
| Audio | Speaker (mono), Microphone, Earpiece |
| Keypad | Power button, Volume +/- button, Scan button x 2 Handle scan button x1 |
| Sensors | Gravity sensor, Light sensor, Proximity sensor, Vibration motor |

Data collection

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|-----------------------------|---|
| Barcode scanning (Optional) | |
| 2D Imager scanner | Honeywell N3603 |
| 2D Symbologies | PDF417, Micro PDF417, GS1 Composite, Aztec Code, Data Matrix, QR Code, Micro QR Code, Maxicode, Hanxin Code, etc. |

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| UHF | |
| Engine | Engine CM2000-1, based on Impinj Indy R2000 |
| Frequency(CHN) | 920-925MHz |
| Frequency(USA) | 902-928MHz |
| Frequency(EHR) | 865-868MHz (ETSI EN 302 208) |
| Frequency(Other) | Other multinational frequency standards (can be customized) |
| Protocol | EPC C1 GEN2 / ISO18000-6C/6B |
| Antenna | Circularly polarized antenna (4dBi) |
| Power | 30dBm, support +5dBm ~ +30dBm adjustment |
| Distance | 0-13m |
| Reading speed | >200 tags per second (circular polarization) |

Note:*Card reading distance and group reading rate are related to the actual environment

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| Camera | |
| Rear camera | 13MP HD camera, Support auto focus, Flash, Anti-shake, Macro shooting |
| Front camera | 2MP color camera |

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|----------------|--------------------------------------|
| NFC (optional) | |
| Frequency | 13.56MHz |
| Protocol | Support ISO14443A/B, 15693 agreement |
| Distance | 2cm-5cm |

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| Language/input method | |
| Input | English, Pinyin, Five strokes, Handwriting input, Support soft keypad |
| Language | Language packs in Simplified Chinese, Traditional Chinese, English, Korean, Japanese, Malaysian, etc. |

User environment

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|-----------------------|--|
| Operating temperature | -20℃ - 55℃ |
| Storage temperature | -40℃ - 70℃ |
| Environment humidity | 5%RH--95%RH(no condensation) |
| Drop specification | 6 sides Supports 1.2 meters drops and 30 times to the concrete within the operating temperature |
| Rolling test | 500×0.5m rolling for 6 sides |
| Sealing | IP66 |

Accessories

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|----------|---|
| Standard | Adapter, Data cable, Protective film, Instruction manual |
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