



UHF RFID PDA

- 4.5dbi Ceramic antenna
- Read up to 25 meters
- Support 865–925MHz

N73SH UHF Hand-held Terminal



Android 12



8-core



4 + 64g



4G



NFC



RFID



WIFI



Barcode



QRcode



Encryption

The configuration is high performance and powerful

8-core 2.0 MHz processor, 4 + 64G storage, support barcode/QR code scanning function, support front and rear dual cameras, support the addition of national military standard RFID module, support the reading and writing of special tags such as national grid RFID.

Deal with all kinds of environments calmly

IP67 high protection level, dustproof and waterproof, comprehensive protection, more durable, can adapt to the working temperature of -20 °C -60 °C, fearless in harsh conditions.

Comfortable to hold, easy to read and write

Ergonomically designed grip, fit the palm, comfortable grip, not easy to fatigue after a long time of use; Large area RFID radio frequency identification module, larger reading and writing angle, longer distance and higher identification accuracy.

Rapid Lightning Fast Charging All-day Endurance Worry-free

11550 mAh large-capacity battery, long-term endurance, all-day worry-free support, optional fast charging, 3 hours can be fully charged.



Supply Chain Warehousing



Express Logistics



Mobile law enforcement



intelligent manufacturing

Scepter

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Physical parameters

| | |
|----------------------------|---|
| Size | 173 (L) * 79 (W) * 17 (T) mm |
| Weight | The whole machine is less than 641g (including battery) |
| screen | 6.0 inch, resolution 720 * 1440, 400 lumen |
| Touch | Industrial Gorilla Five-Point Touch Screen |
| Backlight | Led backlight |
| Battery | Removable lithium-ion polymer battery, capacity: 4850mAh; 4.35 V normal use time: more than 8 hours, standby time: 300 hours |
| Card slot | Micro-SIM card X 1, TF card X 1 |
| I/O | Type-C USB X 1 with OTG support |
| Network | 4G/3G/2G、Wi-Fi |
| Notification method | Sound, vibration |
| Audio | Microphone, speaker, earpiece |
| keybutton | Power button, volume +/-button, left and right scan button |
| Power adapter | Charging time 3-4 hours, use standard power adapter and data cable to support optional fast charging, fast charging for 2.5 hours |
| Sensor | Gravity sensing, light sensing, distance sensing |
| PSAM | Support for 2 PSAM cards |

Data acquisition

| | |
|---|---|
| Scan engine | QR code scanning engine, supporting Zebra, Horney and other brands |
| Support one-dimensional barcode type | UPC/EAN,Bookland EAN,UCC Coupon Code,ISSN EAN, Code 128,GS1-128,ISBT 128, |
| | Code 39,Trioptic Code 39, Code 32, Code 93, |
| | Code 11, Interleaved 2 of 5,Discrete 2 of 5, |
| | 5, Codabar, MSI, Chinese 2 of 5, Korean 3 of 5, Matrix 2 of 5, Inverse 1D, GS1 DataBar, Ccomposite Codes, etc. |
| Supports 2D Code type | PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse, Maxicode, QR Code, MicroQR, QR inverse, Aztec, Aztec Inverse, Postal Codes: US Postnet, US Planet, UK Postal, Australian Postal, Japan Postal, Netherlands KIX Code, USPS 4CB/One/Intelligent Mail, UPS FICS Pstal, etc. |
| Cameras | Front camera: 5 megapixels |
| | Rear camera: 13MP |
| | Support autofocus and flash |

Safety protection

| | |
|---------------------------------|---|
| Operating temperature | -10 °C to 50 °C |
| Storage temperature | -40 °C to 70 °C |
| Humidity | 5% to 95% (non-condensing) |
| Drop specification | Six sides and four corners can withstand a drop of 1.5 meters. |
| Rolling specifications | Continuous rolling of 1000 wheels for 0.5 m, and stable operation after rolling of 6 contact surfaces |
| Vibration | Random (10 Hz to 30 KHz); 60 minutes per axis, 3 axes |
| Electrostatic protection | +/-15 kV air discharge; +/-8kv contact |
| Degree of protection | IP67 meets IEC sealing standard |

Performance parameters

| | |
|---------------|--|
| CPU | Octa-core 2.0 GHz |
| OS | Android 12.0 |
| Memory | 4GB RAM + 64GB ROM |
| | 8GB RAM + 128GB ROM (optional) |
| | Supports Micro SD (TF) up to 128 G expansion |

Wireless communication

| | |
|------------------|--|
| WWAN | 2G: GSM/CDMA |
| | 3G: TD-SCDMA/WCDMA/CDMA2000 |
| | 4G: TD-LTE/FDD-LTE |
| WIFI | WIFI frequency: 2.4 GHz & 5 GHz WIFI protocol: 802.11 a/B/G/n/AC protocol |
| GPS | Beidou, Glonass, GPS, Galileo |
| Bluetooth | Bluetooth 5.1 is supported |

RFID

| | |
|-----------------------|--|
| NFC (optional) | Operating band: 13.56 MHz |
| | Protocols supported: MifareClassic (MF1) NDEF, NfcV (15693), Ultraligh (MF0), IsoDep (quasi-CPU MF3), IsoDep (CPU) |
| | Reading distance: 0-5cm (depending on card type) |
| | |
| UHF RFID | China frequency: 920-925Mhz |
| | US frequency: 902-928Mhz |
| | European frequency: 865-868Mhz |
| | Protocol standard: EPC C1 GEN2/ISO18000-6C |
| | Antenna parameters: ceramic antenna (4.5dbi) |
| | Card reading distance: max 25 meters according to different labels |

Development Environment

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|-----------------------------|--|
| OS | Android 12.0 |
| SDK | Handheld terminal software development kit |
| Development language | Java |
| Development tools | Eclipse/Android Studio |

Other

| | |
|-----------------------------|---------------------------|
| Certification | CCC/MSDS/IP-67/ISO9001/CE |
| Standard accessories | Adapter, data cable |

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