



UHF Handheld Terminal

- ◇ 5.0-inch highlight display
- ◇ UHF RFID read and write
- ◇ 11700mAh large power
- ◇ IP67 security protection

N70SH 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

11700 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

Physical parameters

Size	173 (L) * 81 (W) * 24.8(T) mm
Weight	The whole machine is less than 694g (including battery)
screen	5.0 inch, resolution 720 * 1280
Touch	Industrial Gorilla Five-Point Touch Screen
Backlight	Led backlight
Battery	Removable lithium-ion polymer battery, capacity: 11700mAh; 4.35 V normal use time: more than 8 hours, standby time: 300 hours
Card slot	Micro-SIM card * 1, TF card * 1
I/O	Type-C USB * 1 with OTG support
Network	4G/3G/2G、Wi-Fi、
Notification	Sound, vibration
Audio	Microphone, speaker, earpiece
keybutton	Power button*1, volume +/-button, left / right scan button, Custom buttons*2, backspace*1, Enter*1, Scan*1
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, Honey 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, Codabar, MSI, Chinese 2 of 5, Korean 3 of 5, Matrix 2 of 5, Inverse 1D, GS1 DataBar, Composite 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 (3dbi) Card reading distance: effective distance 2-25m according to different labels

Development Environment

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