



HS70

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

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

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 × 2 Handle scan button ×1
Sensors	Gravity sensor, Light sensor, Proximity sensor, Vibration motor

Data collection

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.

UHF (Optional)	
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 (3dBi)
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

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

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

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

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

Standard	Adapter, Data cable, Protective film, Instruction manual
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