SF580

SFT

HANDHELD BARCODE SCANNER

4.5-inch HD screen · Quad -core · 4G full Netcom

Android	4G	WIFI	Bluetooth	1D barcode	2D barcode	NFC	Camera	GPS

Product parameters

Performance

Quad core

CPU	Cortex-A53 Quad-core 64-bit 2.0GHz high-performance processor
RAM+ROM	2GB+16GB Supports up to 3GB+32GB
Expand memory	Micro SD(TF) Supports up to 128GB
System	Android 8.1/Android9.0

Data communication

WLAN	Dual-band 2.4GHz / 5GHz, Support IEEE 802.11ac/a/b/g/n/d/e/h/i/j/k/r/v 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 5.0+BLE Transmission distance 5-10 meters
GNSS	Support GPS, Galileo, Glonass, Beidou

Physical parameter

Dimensions	166mm×77.5mm×22mm
Weight	＜500g
Display	4.5 inch IPS color display with resolution 480*854
TP	Support multi-touch
Battery capacity	rechargeable polymer battery (3.8V 4200mah) removable
	Standby time >350 hours
	Charging time ＜4H, using standard power adapter and data cable
Expansion Card slot	Micro SIM card x 1 , TF card × 1
Communication interface	Type-C USB x 1, OTG,POGO Pin x 1
Audio	Speaker (mono), Microphone, Receiver
Keypad	Support touch screen soft keypad and physical keypad
Sensor	Gravity Sensor,Vibration motor

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.

Data collection

Barcode scanning (Optional)

1D Scanning engine	Mindeo 966 ,Honeywell N4313
1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS,etc. Postal Codes:USPS Planet, USPS Postnet, China Post, Korea Post, Australian Postal, Japan Postal, Dutch Postal (KIX), Royal Mail, Canadian Customs,etc..
2D Scanning engine	E483 ,Honeywell N5703 N6703 6602
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, HanXi,etc.

Camera（Standard）

Rear camera	8MP HD camera,Support auto focus, Flash, Anti-shake, Macro shooting

NFC (Optional)

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

User environment

Operating temperature	-20℃ - 55℃
Storage temperature	-40℃ - 70℃
Environment humidity	5%RH--95%RH(no condensation)
Drop specification	6 sides Supports 1.5 meters drops on the marble within the operating temperature
Rolling test	0.5m rolling for 6 sides, can still work steadily
Protection level	IP66

Temperature Measurement Parameter

Measurement range	Forehead 32℃ - 43℃；surface 0-60℃
User environment	Normal usage condition of 0℃ - 50℃
Fast Measurement	1 second
Measurement distance	Between 2-5M
Measurement way	infrared thermometry
Resolution	0.1℃
Temperature alarm	Freely set alarm temperature

Accessories

Standard	Adapter, Data cable, Protective film, Instruction manual