



SG6809S

SELF-ADHESIVE INTEGRATED PRINTING HANDHELD TERMINAL

5.5-inch HD full screen

Self-adhesive printing

Android 10.0



Product parameters

Performance

octa-core	
CPU	Cortex-A53 octa-core 64-bit 2.0GHz high-performance processor
RAM+ROM	2GB+16GB/4GB+64GB
Expand memory	Micro SD(TF) Supports up to 128GB
System	Android 10.0

Data communication

WLAN	Dual-band 2.4GHz/5GHz, support 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 5.0+BLE, transmission distance 5-10 meters
GNSS	Support GPS, Galileo, Glonass, Beidou

Physical parameter

Dimensions	179mm×74.5mm×22.5mm (The thinnest) 49.5 (Print place)
Weight	<500g
Display	5.5-inch IPS color display, 720×1440 resolution
Touch screen	Support multi-touch
Battery capacity	Rechargeable polymer battery (7.6V 5500mAh) 可拆卸
	Standby time > 350 hours
	Working time > 12 hours
	Charging time 3-4 hours, Use the standard power adapter and data cable
Expansion card slot	Nano SIM card ×1, TF card ×1, PSAM×2(optional)
Communication interface	Type-C USB x 1, OTG
Audio	Speaker (mono), microphone, receiver
Main button	Home/delete/backward/confirm button
Side button	Silicone / Power / Volume+/-, Scan×2 button
Sensor	Gravity sensors, light sensors, distance sensors, vibration motors

Language/Input

Input	English, Pinyin, handwriting input, support soft keyboard
Language	Language packs in Simplified Chinese, Traditional Chinese, English, Korean, Japanese, Malaysian, Singaporean, etc.

Data collection

Barcode collection (optional)

2D Linear scanner	The new world E483 Honeywel N5703 N4603 N6703 N6603
1D Symbolologies	Code128,EAN-13,EAN-8,Code39,UPC-A,UPC-E,Co dabar,Interleaved 2 of 5,China post 25,ISBN/ISSN,Code93,UCC/EAN-128,GS1 Databar,HIBC,etc.
2D Symbolologies	PDF417,Micro PDF417,GS1 Composite,Aztec Code,Data Matrix,QR Code,Micro QR Code, MaxiCode,Hanxin Code,etc

Thermal self-adhesive printer (standard)

Printing speed	70mm/s
Print count	384dots
Printer bin width	58mm
Printing paper diameter	35mm
Type of printing paper	Supports self-adhesive printing and black label printing

Camera (standard)

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

ID card recognition (optional)

Radio-frequency technique	ISO/IEC 14443 type B, 《GA 450-2003》、《1GA450-2003》
Security module	ID card verification system dedicated module
Card reading distance	0~5cm
Card reading time	<1.55s
working frequency	13.56MHz ± 7kHz

NFC (optional)

working frequency	13.56MHz
protocol standard	Support ISO14443A/B、15693 agreement
Read-write distance	2cm-5cm

User environment

Operating temperature	-20℃ - 55℃
Storage temperature	-40℃ - 70℃
Environment humidity	5%RH--95%RH (without condensation)
Drop specification	Within the operating temperature range, all 6 sides can withstand the impact of falling to the marble at a height of 1.2 meters
Rolling test	0.5m continuous rolling, 6 contact surfaces rolling, still stable operation
Protection level	IP54

Accessories

Standard	Adapter, data cable, protective film, manual
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