



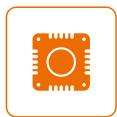
S50 Industrial Grade Handheld Terminal

S50 is a solid and durable industrial terminal with an advanced design for reliable data collection and real-time communication. In terms of its' structural concept, it wins its strength from the magnesium aluminum alloy frame, covering the main board and LCD screen.

The advanced security protection protocol ensures veracity and security of data transmissions, while fully supporting multiple data collection methods such as 1/2D code scanning. Designed for outdoor applications, it assists the user to simplify their work flow and increase efficiency at each operating stage, reducing the data error rates and operating cost.



Characteristics



High-Speed Performance :

Android 5.1 or WinCE6.0 operating system, matching Qualcomm MSM8909 quad core 1.1GHz and PXA310 806MHz respectively, high speed processor with perfect compatibility and computing power.



Industrial Grade :

TPU Bi-colors rubber protected body encapsulation and high density magnesium aluminum alloy frame, durable laser etching design, IP67 grade for reliable operation even in hostile environments.



High Endurance :

3800mAh dual-core high capacity anti-explosion battery lasts over 12 working hours. The optional Charging cradle, can charge the device and battery simultaneously, great for work in multiple shifts.



Excellent Identification Ability :

Fully support 1/2D code scanning with ultra-strong decoding capability and quick identification ability, easily reads the damaged, bent and low quality codes.



Resourceful Configuration :

Adapts all kinds of scanning engines, support WIFI/Bluetooth/LTE/WCDMA/EVDO/GPRS etc. communication transmission modes.



Always-Available Wireless Connection :

Supports 802.11 a/b/g/n full-band wireless communication, specially designed for matching large warehouses and other complex environments with WIFI technology. Excellent anti-disturbance performance, stable data transmission provides a more efficient wireless support.

Partners



S50 Specifications

Performance Parameter

Operating system	Microsoft Windows CE 6.0	Android 5.1
Processor	806MHz/1GHz	Quad core 1.1GHz
Memory	256MB RAM+256MB ROM/ 512MB RAM+512MB ROM	1G RAM+8G ROM/ 2G RAM+16G ROM

Physical Parameter

Display screen	3.5" 240x320TFT ; color touchscreen	3.5" 480*640 capacitance touch HD LCD
Camera(optional)	5 mega pixel, autofocus, LED light	8 mega pixel, autofocus, LED light
Input method	English, Arabic input method, pinyin and handwriting input	English input, installation of input method supported
Working time	Above 12 hours in regular use Above 280 hours standby	Above 10 hours in regular use Above 200 hours standby
Battery	Unloadable 3.7V 3800mAH lithium battery	
Dimensions	179.5mm x 78.18mm x 31.02mm	
Weight	370g(Standard battery included)	
Keyboard	26 keys ,1 on-off key,1 reset key, 2 side scanning keys	
Power adapter	Input: AC 100 ~ 220V 50/60HZ; Output: DC 5.5--2.5A	
Audio(optional)	3.5mm stereo headphone jack, built-in speaker and built-in microphone(optional)	
Notification	Loudspeaker, indicator light and vibration	
Interface(optional)	Industry grade Micro USB 2.0 data interface, Micro SD/TF card slot, SIM card slot (optional), Charging interface, PSAM slot	

Environmental Parameter/IP Rate

Temperature	Working :-20°C ~ 50°C	Storage:-30°C ~ 60°C
Electrostatic	±15kV air discharge, ±8kV direct discharge	
Relative humidity	5% ~ 95%RH	
Protection grade	IP67 grade	
Height of anti-dropping	2.5m(On concrete ground)	
Strength of anti-rolling	1m(More than 1000 rolling by impact force)	

Communication Data Parameter

WIFI	IEEE 802.11 b/g/n	IEEE 802.11 a/b/g/n
Bluetooth	Bluetooth 2.1	Bluetooth 4.0
WWAN(optional)	GPRS/WCDMA/EVDO	GPRS/WCDMA/EVDO/ TDSCDMA/TDD-LTE/FDD-LTE
GPS(optional)	Precision:10m(open sky)(optional for Android OS)	

Identification Parameter

Barcode (optional)	1D Laser/2D image scanning engine
	Scanning precision : ≥ 3 mil
	Reading distance : 3cm-70cm(Depends on barcode density and code system)
	Decoding capability: UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS etc; PDF417, MicroPDF417, Composite, RSS, TLC-39 , Data matrix, QR code, Micro QR code, Aztec, Postal Codes: US PostNet ; US Planet; UK Postal; Japan Postal Dutch Postal(KIX) etc

Certificates

CCC, RoHS, IP67 grade, CE, FCC and ISO9001



RoHS

Accessories

Standard kits



Battery



Charger



USB cable

Optional accessories



Cradle(support to charging
the device and 1 battery at
the same time)



4-slot Battery Charger



Handle

The final interpretation of this product is owned by Shenzhen Supoin Technology Corp.

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