

Rugged S70L Tablets

**Waterproof /Dustproof/Dropproof/Full function/Hi-Rel/Low-Power/Extensible
one-hand operation/RFID/Beidou+GPS navigation**

✧Introduction

S70L intelligent terminal is ideal for highly mobile outdoor and field workers in markets like logistics, construction, mine, military, field sales and the public sector. It meets MIL-STD-810G and IP67 standards for durability and protection against dirt, dust, water, motion, vibration, temperature and other factors that would quickly damage an industrial-grade tablet. It can withstand up to a 1.8m drop and 2 ton shock pressure test. It also comes with a suite of integrated features, including an UHF RFID, high precision GNSS. Also it goes with a long-life 9650mAh battery sunlight-readable, and operating under extreme low temperature.



✧Battery& IO

Battery	9650mAh	Charger Connector	Micro USB
Earphone	3.5mm	Connector	Micro USB Aviation connector 12 pin

✧Camera&Memory

Main Camera	8.0MP(AF)with flash led
Internal Memory	1GB+16GB EMCP
External Memory	Micro SD card(T-FLASH card), max 64GB

✧Data collection&Option Module

GPS&BEIDOU /support A-GPS/EPO	915M UHF RFID
GPS&GLONASS/support A-GPS/EPO	125K LF RFID ID card reader
NFC support ISO14443A/B/ISO15693	Zigbee
1D/2D Barcode Scanner Engine	

✧Industrial &Reliability Design

Shake-proof	1-19Hz/1.0mm ; 19-200Hz/1.0g
Dropproof	MIL-STD-810G/Method516.6/Procedure IV
Waterproof	7
Dustproof	6
Reliability	MTBF>50000h ; MTTR<0.5h
Operating temperature	-20°C to 60°C
Storage Temperature	-40°C to 80°C
RH	5% to 95%
Operating Altitude	Max : 4,500 m (15,000 feet)

✧Certification

3C /FCC/CE/ROSH

✧Hardware

CPU:1.3G Hz x4 Cortex A7 Quad Core *
RAM/ROM:TWO-IN-ONE:1G+16G EMCP **
Display :7 inch IPS/AFFS 1024*600
Touch Panel:Capacitive / toughened glass TP
Basic Function:2G/3G/BT/GPS/WIFI/FM/ Axis Accelerometer Sensor/Orientation Sensor Gravity Sensor/Linear Acceleration Sensor/Rotation Vector
Extensible Function:RFID/ Beidou Navigation/High

✧Quotation

Sample	1.3G Hz x4 Cortex A7 Quad Core GSM 850/900/1800/1900,WCDMA 850/2100/1900, 1GB+16GB, 8.0MP,
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Accessories	USB cable*1,charger*1,user
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Warranty	24 month warranty & support OEM
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✧Dimensions

Size (mm)	237x137x29mm (L*W*H)
Weight (g)	760g

✧Hardware

Chipset	ARM Cortex A7 Quad Core
Frequency	WCDMA 850/1900/2100 &
Sim card	1.8/3.3V SIM card
OS	Andriod 4.4.2 UP
Navigation	GPS+AGPS+EPO GPS+Beidou+AGPS **

OTG/FM Radio/Motion sensor/Gravity Sensor	suport
Magnetic Field Sensor/Gyroscope Sensor	suport
Rotation Vector Sensor/Ambient Light Sensor	suport
Temperature Sensor/Altitude sensor	Option

✧Network

3G	WCDMA 3.75G (HSDPA+ 42.2Mbps, HSUPA+ 11.5Mbps), Support WIFI AP
Bluetooth	BT4.0(A2DP+EDR)
2G&Call	EDGE/GPRS/WAP
Wifi	802.11/B/G/N

✧Display&Input

Main Display	7" IPS/AFFS LCD
Touch Panel	G+G Capacitive screen

		S:standard (S1/S2 means S1 or S2) 0: optional NA: not available --: TBD	
Specification		standard	
		S70L	
Hardware	CPU	Cortex A7 1.36 Hz X4 QUPE-core 28nm	S
	GPU	Power VR SGX544 MP2	S
	RAM	16 LPDDRII	S
Storage	RAM&ROM	1GB RAM+16GB ROM	S
	Storage (Optional)	Micro SD card (T-FLASH card), max 64GB	S
Appearance	Size (mm)	237x137x29mm	S
	Color & Material	Sunyellow+black; ABS+PC; TPU	Product No.: S70L01Y
		Armygreen+black; ABS+PC; TPU	Product No.: S70L01G
		Grey+black; ABS+PC; TPU	Product No.: S70L01B
Weight (g)	760g	S	
communications & networking	Call	GSM/WCDMA	S
	2G/3G Band	WCDMA 850/2100 (850/1900 optional) & GSM850/900/1800/1900	S
	3G	WCDMA 3.75G (HSDPA+ 42.2Mbps, HSUPA+ 11.5Mbps)	S
	EDGE	support	S
	GPRS	support	S
	WAP	support	S
	WI-FI	802.11 B/G/N	S
	BT	BT4.0 (A2DP+EDR)	S
Screen	Display	7 inch IPS/AFS; 1024'600 450 cd/m2	S
	Touh Panel	5 point touch capacitance screen/tempered glass/support capacitance pen/touch gloves	S
Camera	Main Camera	8.0MP (AF & electro-flash)	S
	Sub Camera	2.0MP	S
Sensor	Direction Sensor		S
	Gravity sensor		S
	Electronic compass (Magnetic Field)		S
	Motion sensor		S
	Rotation Vector Sensor		S
	Gyroscope Sensor		S
Port & Battery	Battery	9650 mAh	S
		5200 mAh	0 (UHF RFID needs)
	SIM Card	1.8/3.3V SIM card	S
	TF Card	Micro SD card (T-FLASH card);max 64GB	S
	Headphone	3.5mm	S
	Charge	Mini USB 5pin /DC charger	S
	data interface	Mini USB 5pin; support OTG	S
External Function	navigation & position	GPS; support A-GPS/EPO (5-10M)	S
		GPS&BEIDOU /support SBAS/A-GPS/EPO (2.5M)	0
		GPS&GLONASS/support SBAS/A-GPS/EPO (2.5M)	0
		GPS/GLONASS/GALILEO/QZSS/GNSS(Ibm Precision level)/support SBAS/A-GPS/EPO (1M)	0
		external GPS/GLONASS antenna ; SMA	0
	FM	Digital FM radio	S
	NFC	support ISO14443A/B/ISO15693	S
	UHF RFID	UHF RFID (1.5M-2M)	0
	LF RFID	LF RFID ID (125k)	0
	Barcode Scanner	ME966: 1D Barcode scanner	0
	ME5110: 2D Barcode scanner	0	
Fingerprint	FPC1020	-	
ZigBee	DRF1607H module; MESH : agreement with PA	-	
Industrial Design	Shake-proof	1-19Hz/1.0mm; 19-200Hz/1.0g	S
	Dropproof	MIL-STD-810G/Method516.6/ProcedureIV	S
	Waterproof	7	S
	Dustproof	6	S
	Reliability	MTBF-50000h; MTTR<0.5h	S
	Operating temperature	-20°C to 60°C	S
	Storage Temperature	-40°C to 80°C	S
	RH	5% to 95%	S
Operating Altitude	Max: 4,500 m (15,000 feet)	S	
Video	Video	1080P . H.264, MPEG4, H.263 Support File Format: RM, RMVB, AVI, MPEG4, FIV	
	Audio		
	Language	Language: English, Spanish, Portuguese (Brazil), Portuguese (Portugal), Italian, German, Dutch, French, Polish, Romanian, Turkish, Russian, Arabic, Indonesian, Malay, Thai, Vietnamese, Hindi, Hebrew, Simplified,Chinese, Chinese Traditional, etc	
	IOS	Andriod OS 4.4.2	
Certification		CE/ROSH/FCC/CCC/IP67	

The test of dropping steel ball and waterproof,dust-proof protection was created under controlled laboratory conditions to ensure the accuracy of the results,which comply with MIL-STD-810G/Method516.6/Procedure IV military standards and IP67 IEC 60529 standard.In the daily life,the permance of protection might be reduced due to the abrasion,but anti-splash,waterproof,dustproof will last forever.Fall protection does not mean 100% no damage in any condition.Please do not charge the tablet in wet condition.Never do the dropping ball,waterproof etc.,test under the uncontrolled laboratory conditions.The damage from dunked,drop shock will be out of our warranty.