

## P9II datasheet (version 1.1)

Features	Pro
Wireless LAN	✓
Internal Bluetooth	✓
Micro SD card slot	✓
8 GB memory	✓
22 keys	✓
Programmable side key	✓
Electronic bubble	✓
Electronic compass	✓
8M pixel autofocus camera	✓
GNSS	Ublox M8T
4G LTE Cellular Modem	✓

### Physical specifications

Weight	570g (including battery)
Size	194*90*39.5mm
Operating temp.	-30°C to 60°C
Storage temp.	-40°C to 80°C
Protection class	IP67 dust and waterproof
Humidity	5%-95 %, non-condensing
Vibration	ASAE EP455 Section 5.15.1 Random, MIL-STD-810G, method 514.6E-I
Shock	Withstands 1.2 m drop onto hard surface

### System platform

Operating system	Android OS 5.1(Domestic ver.) Android OS 6.0(International ver.)
Processor	Qualcomm Snapdragon Quad Core
Memory	1GB LPDDR3
Storage	8GB
External storage	Micro SD SDXC

### Interfaces

Display	4.3inch, Blanview TFT,480×800
Keypad	Alphanumeric keypad Programmable side key
Connectors	USB Type C (for charging and data transfer)

Communication	Bluetooth 4.1 + Bluetooth LE		
	WLAN 802.11n		
	4G LTE, as below list.		
	China: SC20-CE	Europe: SC20-E	America: SC20-A
	LTE FDD: B1/B3/B5/B8	LTE FDD: B1/B3/B5/B7/B8/B20	LTE FDD: B2/B4/B5/B7/
	LTE TDD: B38/B39/B40/B41	LTE TDD: B38/B40/B41	B12/B13/B25/B26
	TD-SCDMA: B34/B39	WCDMA: B1/B5/B8	WCDMA:
	WCDMA: B1/B8	GSM: 850/900/1800/1900MHz	GSM: 850/1900MHz
	CDMA: BC0		
	GSM: 900/1800MHz		
Other	Micro SIM		
	Micro SDHC		

## GNSS

Receiver	72 channels		
	GPS/QZSS L1 C/A, GLONASS L10F, BeiDou B1		
	SBAS L1 C/A: WAAS, EGNOS, MSAS, GAGAN		
	Galileo E1B/C		
Update rate	1Hz		
Position accuracy	2.5 m CEP (Autonomous)		
	2.0 m CEP (SBAS)		
	0.5 m CEP (RTK)		
Cold start time	30 seconds		
Hot start time	1 second		

## Power supply

Internal battery	Removable Li-Ion battery		
	3400mAh, 7.2V, 24.48Wh		
Input voltage	DC 5V-20V, 2A		
Adaptor	AC-Input: 100V-240V 50-60Hz 1.5A		
	DC-Output: 5V 3A / 9V 3A / 12V 3A / 15V 3A / 20V 2.25A		
Operating time	Up to 10 hours		