



# P8II Controller

- Built-in Bluetooth, Wi-Fi module
- 5 inches, sunlight readable touch screen
- Built-in GNSS module
- 13 MP built-in camera
- IP67 level protection

The P8II is eSurvey's next-generation professional-grade GNSS handheld, included are highly sensitive GPS antennas that have excellent performance even in complex environments such as forests and urban areas. The integrated 13MP digital camera captures live pictures accurately. Built in 32GB storage with an expandable 128GB TF card slot, ensuring enough storage for large data sets and background maps. Integrated Bluetooth and Wi-Fi functions make it convenient to connect to different networks and devices.

The P8II is ideal for field operations. The rugged handheld device uses a 5-inch industrial-grade, high-contrast touch screen display that can be read in direct sunlight. IP67 certification ensures a high level of dust and water proofing.

# Product Specification

GNSS Performance		Power Supply	
Satellite Tracked	MTK support GPS/BDS/GLONASS	Internal Battery	3.8V
Update Rate	1Hz		5200mAh
Position accuracy	2.5 m CEP (Autonomous)	Operating Time	No less than 12 hours
	2.0m CEP (SBAS)	Charging Time	Typically 4 hours
Cold Start	30 seconds		PE quick charge 9V/2A
Hot Start	1 second	Data Interface	
Communication		Display	5 inches
Memory	3 GB		720 x 1280
Storage	32 GB		Sunlight readable
Bluetooth	BT4.1 + Bluetooth LE		400 nits
WIFI	802.11 a/b/g/n/ac	Keypad	Alphanumeric key and function key
4G	GSM: B2/B3/B5/B8	Connectors	USB Type C
	FDD-LTE :B1/B2/B3/B4/B5/B7/B8/B12/ B13/B17/B20/B25/B28		(For charging and data transfer, OTG)
	TDD-LTE B38/B39/B40/B41	Operating System	Android 9.0
	TDSCDMA B34/B39	Processor	MT6762, 8 cores, 2.0GHz
	WCDMA B1/B2/B5/B8	Micro SD Card Slot	Up to 128 GB
	CDMA1x/CDMA2000 BC0	SIM Card	2 x Nano SIM card
Physical		Environment	
Dimensions	225x78x14.5mm	Operating Temperature	-20°C ~ 55°C
Weight	350g	Storage Temperature	-40°C ~ 70°C
		Water/Dust Proof	IP67
		Drop Resistance	1.5m to concrete
		Humidity	0-95% RH, none condensing