

P8II

A PROFESSIONAL RUGGED & PORTABLE CONTROLLER

With IP67 certification, P8II is designed for anyone who works in harsh environments. With its ergonomic design, the P8II offers easy one-handed use and provides extended flexibility during fieldwork. Featuring an MTK Octa-core 2.0G processor, it provides a user smooth experience. P8II is suitable for different kinds of outdoor applications such as surveys and GIS.



GNSS Receiver

Fresh Vision and Light Weight

Enjoy a slim profile and sleek look, and easily carry it in various complex environments, benefitting from its lightweight and compact design.

Rugged Design

The P8II is IP67 certificated as a rugged device. It survives a 1.5 m drop on a concrete floor.

Impressive Battery Life

Continuously work up to 12 hours in remote areas with limited access to electricity and no longer need to worry about a day's work, with its 5200 mAh rechargeable and replaceable lithium-ion battery, which makes your data save safely.

Dual SIM Cards with 4G Network

The P8II supports dual Nano SIM cards with a 4G network. You can use it for daily work anywhere.

Digital Keyboard

Safely work bare-handed or with gloves in rustic climatic conditions, for P8II has a digital keyboard supporting a stylus pen and a physical alphanumeric keyboard.

High-performance CPU

Equipped with an octa-core 2.0 GHz processor and Android 9.0 system, the P8II brings smooth working experience.



Website



Social media

Product Specification

P8II

A PROFESSIONAL RUGGED & PORTABLE CONTROLLER



System

Processor	MT6762 Octa-core 2.0 GHz
OS	Android 9.0
Memory	3GB
ROM	32GB

Screen

Screen size	5"
Resolution	1280 x 720
Density	320 dpi
Brightness	400 nits
Touch panel	Capacitive, TFT

Camera

Rear	13 MP
Flash light	Support
Auto focus	Support

Power Supply

Battery	Rechargeable and replaceable Lithium-Ion battery 3.8 V, 5200 mAh
Working time	12 hours
Charging time	≤ 5 hours
Speaker	Support
Microphone	Support
Light	Support
Proximity	Support
Magnetometer	Support
Gyroscope	Support
Accelerometer	Support
Gravity	Support
Compass	Support

GNSS

Tracking	GPS, BDS, GLONASS, GALILEO
Accuracy	Single: 1 - 3 m

Communication

GSM	■ Global GSM, WCDMA, LTE ■ Nano SIM x 2
Wi-Fi	802.11 a/b/g/n/ac
Bluetooth	4.1 BT/BLE
SD card	128 GB
USB	USB Type-C x 1 Support OTG and headphone

Physical

Dimension		225 mm x 78 mm x 14.5 mm
Weight	With battery	360g
	Without battery	265g
Operating temperature		-20°C - +60°C
Storage temperature		-40°C - +70°C
Water/dust proof		IP 67
Shock		Survive a 1.2 m drop on concrete floor
Humidity		0-95% RH, non-condensing
Buttons		■ Battery x 1 ■ Arrow x 4 ■ Return x 1 ■ Confirm x 1 ■ APP quick button x 1 ■ Backspace x 1 ■ FN x 1 ■ Caps lock x 1 ■ Dot x 1 ■ Space key x 1 ■ 0-9 x 10 ■ A-Z x 26
Certificate		FCC, CE, ROHS, REACH, WEEE