

P8III

HIGH-PERFORMANCE RUGGED CONTROLLER

The eSurvey P8III is a high-performance, rugged controller offering comprehensive protection. Powered by a MediaTek industrial-grade chip, it boasts an IP68 rating for harsh environments and an ergonomic design for easy one-handed use. Its 9000mAh battery supports 22 hours of continuous work, while its military-grade construction can withstand 1.5-meter drops. This makes it ideal for outdoor surveying, mapping, and geographic information collection.



GNSS Receiver

Superior Performance with Advanced Specs

Handle complex data collection tasks smoothly, powered by an 8-core 2.0 GHz MediaTek industrial-grade chip for superior processing speed.

Powerful Audio in Noisy Sites

Ensure clear transmission of voice prompts and instructions in noisy environments, via the powerful built-in audio system.

IP68 Protection for Extreme Environments

Withstand heavy rain, dust, and harsh conditions even when the charging port rubber plug is open, ensuring reliability in extreme outdoor scenarios.

5.5-inch Sunlight-Readable Screen

Maintain clear visibility under strong sunlight with 500nit brightness, and enable smooth operation even with wet hands, ensuring uninterrupted fieldwork in diverse weather conditions.

9000mAh Long-Lasting Battery

Support 22 hours of continuous operation in field tasks, eliminating concerns about power shortage during long workdays.

Full QWERTY Keyboard for Easy Operation

Improve blind operation efficiency in fieldwork, thanks to the physical surveying and mapping keyboard designed for intuitive use.



Website & Social media

Product Specification

P8III

HIGH-PERFORMANCE RUGGED CONTROLLER



System

Processor	MTK G85 octa-core 2.0 GHz
OS	Android 14
Memory	4GB
ROM	64GB

Screen

Screen size	5.5"
Resolution	1920 x 1080
Brightness	500 nits
Touch panel	Capacitive

Camera

Rear	13 MP
Flash light	Support
Auto focus	Support

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

Communication

GSM	■ GSM: 850/900/1800/1900 ■ WCDMA: B1/B2/B4/B5/B8 ■ LTE-TDD: B34/B38/39/B40/B41 ■ LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B20/B25/B26/B28/B66 ■ Nano SIM x 2
Wi-Fi	802.11 a/b/g/n/ac (2.4 & 5GHz)
Bluetooth	5.0
SD card	Up to 256GB
USB	USB Type-C x 1 Support OTG
NFC	Support

Power Supply

Battery	Rechargeable Lithium-ion battery 9000 mAh
Working time	22 hours
Charging time	3 hours (90%)
Speaker	Support
Microphone	Support
Light	Support
Proximity	Support
Magnetometer	Support
Barometer	Support
Gyroscope	Support
Accelerometer	Support
Gravity	Support
Compass	Support

Physical

Dimension	226.3 mm x 90.6 mm x 16.9 mm
Weight With battery	412g
Operating temperature	-20°C - +65°C
Storage temperature	-30°C - +70°C
Water/dust proof	IP 68
Shock	1.5m on marble
Humidity	5%-95% , non-condensing
Buttons	■ Power x 1 ■ Arrow x 4 ■ Recent key x 1 ■ Home key x 1 ■ Return key x 1 ■ OK x 1 ■ APP quick button x 1 ■ Measurement key x 1 ■ Backspace x 1 ■ FN x 1 ■ Dot x 1 ■ Space key x 1 ■ 0~9 x 10 ■ A~Z x 26 ■ Side key x 1 ■ Dash x 1 ■ Aa key x 1
Certificate	FCC, CE