



P9IV

A PROFESSIONAL RUGGED CONTROLLER FOR ANY APPLICATIONS

The RinoNav P9IV is a professional-grade Android 11 controller, designed for long time fieldwork. With IP67 certified, the P9IV is suitable for any tough environments. With its ergonomic design, the P9IV offers easy one-handed use and provides extended flexibility during fieldwork. Featuring a MTK 8-core 2.0 GHz processor, Bluetooth 5.0, and a 5.0 inch HD touchscreen, the P9IV provides excellent performance and smooth experience either in or outside the field.

Impressive Battery Life

Experience 30-day standby time, and continuously work up to 15 hours while the P9IV is connected to a GNSS receiver via Bluetooth and collects data, driven by its 6400 mAh rechargeable lithium-ion battery, and quickly fully charge your P9IV within 3 hours.

Large Memory Storage

Store the data for a longer time, supported by its internal 32GB storage and TF card expansion (max 512GB).

Rugged Design

Integrated magnesium alloy bracket, provides uniform stress at every angle and high strength

Google Service Framework

GMS is a collection of Google applications and APIs, including Google Search, Google Chrome, YouTube, and Google Play Store, that help support functionality across devices. These apps work together seamlessly to ensure your device provides a great user experience right out of the box.

Bluetooth 5.0

The latest version of Bluetooth technology, better performance.

5.0-inch HD Touchscreen

With the Casio BlankView patent, the P9IV provides a clearer view of the screen outdoors, it is brighter and more power-efficient. Wet hand and glove mode supported.

Product Specification

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| System | |
|-----------|--------------------|
| Processor | MTK 8 Core 2.0 GHz |
| OS | Android 11 |
| Memory | 3GB LPDDR4X |
| ROM | 32GB |

| Screen | |
|-------------|------------|
| Screen size | 5" |
| Resolution | 1280 x 720 |
| Density | 160 dpi |
| Brightness | 400 nits |
| Touch panel | Capacitive |

| Camera | |
|-------------|---------|
| Rear | 13 MP |
| Flash light | Support |
| Auto focus | Support |

| Power Supply | |
|---------------|--|
| Battery | Rechargeable Lithium-ion battery 3.85 V, 6400 mAh |
| Working time | >15 hours |
| Charging time | <3 hours |
| Speaker | Support |
| Microphone | Support |
| Light | Support |
| Magnetometer | Support |
| Gyroscope | Support |
| Accelerometer | Support |
| Gravity | Support |
| Compass | Support |

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

| Communication | |
|---------------|---|
| GSM | <ul style="list-style-type: none"> ■ GSM, WCDMA, LTE ■ Nano SIM x 1 |
| Wi-Fi | 802.11 a/b/g/n/ac |
| Bluetooth | V5.0 |
| SD card | 512GB |
| USB | USB Type-C x 1 |

| Physical | |
|-----------------------|--|
| Dimension | 221.5 mm x 82.0 mm x 27 mm |
| With battery | 450g |
| Operating temperature | -30 C - +60 C |
| Storage temperature | -40 C - +80 C |
| Water/dust proof | IP 67 |
| Shock | Survive a 1.2 m drop on concrete floor |
| Humidity | 0-95% RH, non-condensing |

| | |
|-------------|---|
| Buttons | <ul style="list-style-type: none"> ■ 0-9 x 10 ■ Space x 1 ■ Comma x 1 ■ Measurement key x 1 ■ Direction key x 4 ■ Recent key x 1 ■ Home key x 1 ■ Return key x 1 ■ Enter key x 1 ■ Delete key x 1 ■ Tab key x 1 ■ Shift key x 1 ■ Fn key x 1 ■ Power key x 1 ■ Side functional key x 2 ■ Wi-Fi/Bluetooth LED x 1 ■ Power LED x 1 |
| Certificate | FCC, IC, CE, KC, ROHS, REACH, MIC, JATE, RCM |