

# T8 Pro

## GNSS TABLET

Portable & Accurate For GIS and Surveying



### DUAL-PURPOSE FOR GIS & LAND SURVEYING

Powered by Android 10 OS, T8 Pro is compatible with common GIS software and land surveying software. The helix antenna of T8 Pro can be replaced with geodetic antenna<sup>1</sup>, offering better GNSS signal quality for land surveying solution. Benefit from the 8" HD sunlight-readable display, T8 Pro can provide an excellent graphical user interface to improve user experience.

### CENTIMETER-LEVEL ACCURACY

Embedded with high precision GNSS module, the T8 Pro can simultaneously track all running and planned constellations, including GPS, GLONASS, BeiDou, Galileo, QZSS and Navic, providing centimeter level positioning accuracy to satisfy the demands of most GIS applications.

### LIGHT YOUR BURDEN

T8 Pro integrates GNSS module, GNSS tablet and GNSS antenna in one single device, no need for external antennas and receivers, reducing your burden. With 7000 mAh large battery, the T8 Pro can work for more than 15 hours in the field, which greatly smooths the workflow of users.

**SYSTEM**

|              |                             |
|--------------|-----------------------------|
| CPU          | Qualcomm 8953 2.2GHz        |
| OS           | Android10                   |
| ROM          | 64GB                        |
| RAM          | 4GB                         |
| TF Card      | Support                     |
| Rear Camera  | 16M                         |
| Front Camera | 8M                          |
| Battery      | 9000mAh, 15hrs working time |

**COMMUNICATION**

|                    |  |
|--------------------|--|
| WIFI               | 802.11 a/b/g/n/ac, 2.4GHz/5GHz   |
| Network            | GSM:850/900/1800/1900<br>CDMA: BC0<br>EVDO: BC0<br>WCDMA: B1/B2/B5/B8<br>TD-SCDMA: B34/B39<br>TDDLTE:<br>Band38/Band39/Band40/Band41<br>FDDLTE:<br>Band1/Band2/Band3/Band4/Band5/Band7/Band8/ Band17/Band20/Band28 |
| Bluetooth          | BT 4.2   |
| SIM Card           | Dual SIM & Dual standby  |
| USB                | Type C   |
| External Interface | USB, UART, GPIO  |

**GNSS SPECIFICATIONS**

|                     |   |
|---------------------|---|
| Channels            | 965   |
| Satellite Tracking  | - GPS: L1C/A, L2P, L2C, L5, L1C<br>- BeiDou: B1I, B2I, B3I, B1C, B2a<br>- GLONASS: L1, L2<br>- Galileo: E1, E5b, E5a<br>- QZSS: L1C, L2, L5, L1C/A<br>- Navic: L5<br>- SBAS: L1, L5 |
| Single Baseline RTK | 8 mm + 1 ppm Horizontal<br>15 mm + 1 ppm Vertical   |
| Standalone          | 1.5 m 3D RMS  |

**PHYSICAL**

|             |  |
|-------------|--|
| Size        | 237mm*144mm*14mm   |
| LCD Display | 8" HD Capacitive screen, 500Nits sunlight-readable                                     |
| Resolution  | 1280*800 pixels  |
| Weight      | 700g   |
| Voltage     | 5V, 2A   |
| Keypad      | Power, Volume, F1, F2  |
| Sensors     | Microphone, Speaker, Flash Light, NFC, G Sensor, Compass, Light Sensor, Gyroscope, OTG |

**ENVIRONMENTAL**

|                        |                          |
|------------------------|--------------------------|
| Working Temperature    | -20 ℃ ~ 60 ℃             |
| Storage Temperature    | -30 ℃ ~ 70 ℃             |
| Waterproof & Dustproof | IP67                     |
| Drop Test              | Survive from a 1.2m drop |
| Humidity               | 95% no condensation      |

**SOFTWARE**

Compatible with common third-party GIS and field surveying software, such as ArcGIS Collector, Mapit GIS, FieldGenius Android etc.

1.The helix antenna of T8 Pro is detachable, which can be replaced with geodetic antenna, providing better GNSS signal quality for land surveying solution.

All specifications are subject to change without notice.