# T300 PLUS GNSS RECEIVER










New T300 PLUS GNSS RECEIVER. (??????????? / ?????????? GPS) The New T300 Plus GNSS Receiver is a new generation RTK receiver featuring full-constellation tracking, tilt compensation and easy workflow with Android-based Survey Master software, for centimeter accuracy survey on demand. The New T300 Plus tracks 965 channels with all working and planned GNSS constellations including GPS, GLONASS, BeiDou, Galileo and SBAS.

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**New T300 PLUS GNSS RECEIVER, (??????????? / ?????????? GPS)**

The new T300 Plus GNSS Receiver is a new generation RTK receiver featuring full-constellation tracking, up to 60° tilt compensation and easy workflow with Android-based Survey Master software, for centimeter accuracy survey on demand.
Features

- GPS L1/L2/L5, BeiDou B1/B2/B3/B1C/B2a/B2b, GLONASS L1/L2/L3, Galileo E1/E5a/E5b/E6/AltBOC, QZSS L1/L2/L5, Navic L5, SBAS
- Advanced QUANTUM™ Generation III Technology
- WIFI/UHF/4G Module
- Up to 60° Tilt Compensation
- Smart Battery Design
- Low Power Consumption
- Easy workflow

**Full-constellation tracking**

The T300 Plus tracks 965 channels with all working and planned GNSS constellations including GPS, BDS, GLONASS, Galileo, QZSS, Navic and SBAS.

**Tilt sensor**

The T300 Plus supports up to 60° tilt compensation that allows you collect high accuracy data faster in the field.

**EASY. Intuitive workflow**

With the advanced RTK technology and anti-interference algorithms, you are able to expand the reach and obtain reliable positioning results even in complicated environment.

**Specifications**

Signal tracking Channels:  965 channels

Satellite tracking: GPS, BDS, GLONASS, Galileo, QZSS, Navic and SBAS
RTK Horizontal accuracy: 8 mm + 1 ppm
RTK Vertical accuracy: 15 mm + 1 ppm
Post Processing Horizontal accuracy: 2.5 mm + 0.5 ppm
Post Processing Vertical accuracy: 5 mm + 0.5 ppm
Initialization time: less than 10 s

Size(W × H): ?15.8 cm × 7.5 cm
Weight (incl. supplied two batteries): 0.95 kg (2.1 lb)
Operating temperature: -40 °C to + 65 °C (40 °F to 149 °F)
Shock: Designed to survive a 2 m drop onto concrete
Humidity: 100% non-condensing
Waterproof and dustproof: IP67
Power consumption (3 constellations):  1.92 W
Memory: 8 GB

1 Serial port (7 pin Lemo): Baud rates up to 921,600 bps
Correction data I/O: RTCM 2.X, 3.X, CMR, CMR+
Position data output rates: 1 Hz, 2 Hz, 5 Hz, 10 Hz, 20 Hz
Modem: WiFi, 4G, 3G, 2G
UHF modem (optional): Tx/Rx, 410-470 MHz
Bluetooth® : V4.0 protocol

https://www.comnavtech.com/new_T300Plus.html