**TECHNICAL SPECIFICATIONS**

### GNSS SPECIFICATIONS
- **Channel:** 404
- **Signal Tracking:** GPS L1, L2, GLONASS L1, L2, BeiDou B1, B2 and SBAS
- **Accuracy:** 8 mm + 1 ppm Horizontal RTK accuracy
- **Azimuth:** (0.2/R)°
- **Roll or Pitch:** (0.4/R)°
- **Working temperature:** -40 °C to + 80 °C

### T300 GNSS Receiver
- **Channel:** 256
- **Signal Tracking:** GPS L1, L2, L5, GLONASS L1, L2, BeiDou B1, B2, B3 and SBAS
- **Accuracy:** 8 mm + 1 ppm Horizontal RTK accuracy
- **Size (W×H):** 15.8 cm × 7.5 cm
- **Weight:** 0.95 kg (include 2 batteries)
- **Working temperature:** -40 °C to + 80 °C

### Display
- **Display:** 9 inch touchscreen
- **I/O Ports:** USB2.0, GPIO
- **Mounting:** Support VESA75
- **Dimension:** 270mm (H) x 170mm (W) x 64mm (H)
- **Weight:** 2.0 kg
- **Waterproof and dust proof:** IP65
- **Input voltage:** 9~36VDC
- **Power consumption:** <8w

### Antenna
- **Signal tracking:** GPS L1, L2, L5, GLONASS L1, L2, BeiDou B1, B2, B3 and SBAS
- **Dimension:** Ø152 x 62.2 mm
- **Connector:** TNC Female
- **Weight:** 374 g
- **Operating Temperature:** -40 °C to + 85 °C
- **Humidity:** 95% No-condensing
Designed for static pressure pile project, SinoGNSS high-precision piling solution is an easy-to-use piling system that able to deliver centimeter-level piling positioning accuracy for multiple construction applications. It largely boosts field productivity and reduces rework compared to traditional leveling method.

**Android operating system**

**Rugged Housing**

**Reliable Built-in GNSS Receiver**

**9” High-resolution Touch Screen Display**

**User Friendly Interface**

**HIGHLY INTEGRATION DESIGN**

- 9” high-resolution tablet with integrated high-precision GNSS engine allows you easier installation and operation

**FLEXIBLE RTK CORRECTION DATA RESOURCE**

- Acquire correction via internal UHF by setting up SinoGNSS T300 as the base. It also allows you to connect local CORS to get correction

**RELIABLE EVERYWHERE ANYTIME**

- Its integrated GNSS engine tracking GPS, GLONASS and BeiDou that enables the system to be work even in significant weather challenges, helping you reduce construction schedule

**2CM REAL-TIME PILING ACCURACY**

SinoGNSS high-accuracy piling system ensures proven 2 cm real-time piling accuracy, while reducing labor cost for your construction

**CAD BASE MAP SUPPORT**

- Directly import your CAD base map to achieve efficient points piling, and manage your project in CAD view

**USER FRIENDLY INTERFACE**

- Pressure sensitive touchscreen with graphic icon design provides you an intuitive user interface, ensuring an efficient piling workflow even for untrained operators

**SINOGNSS T300 GNSS RECEIVER**

With SinoGNSS QUANTUM™ Technology and internal UHF design, the T300 GNSS receiver is one of the most reliable choices set as the base, providing stable correction data to your piling system.

- Multi-constellation tracking
- Long baseline RTK
- Rugged IP67 dust & water-proof certified
- Internal TX & RX UHF with 3-5km work distance
- Easily configuration with Android-based software

**Antenna**

**AT330 GNSS ANTENNA**

The AT330 antenna is super performance GNSS Antenna tracking GPS L1, L2, L5, GLONASS L1, L2 and BeiDou B1, B2, B3. The rugged magnetic mount helps you easily fix antennas on piling machines.

- Strong multipath rejection capability
- Stable signal tracking performance
- Water& Dust & Lightning Proof design
- Robust antenna magnetic mount

**FIELD SOFTWARE**

**PILEMASTER SOFTWARE**

- Intuitive piling interface
- Graphic icon design
- Clear element management
- Up to 100000 points import
- Support Excel, TXT and CAD import