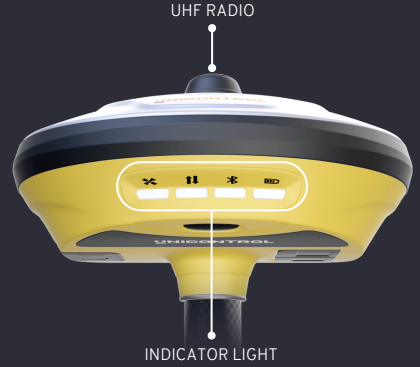


HARDWARE COMPONENTS:

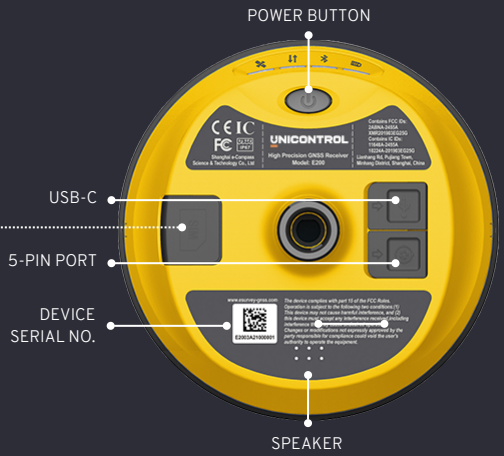
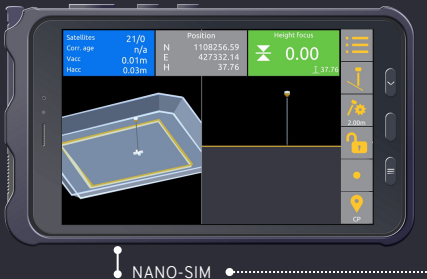
- RTK GNSS Receiver (GPS, GLONASS, BeiDou & Galileo)
 - Tilt sensor
 - Built-in UHF Radio
 - 800 channels of GNSS Tracking
- Carbon fiber pole
- Robust 8" tablet
- Tablet-holder
- Exchangeable steel tip

SUPPORTS:

- USB-C charging
- 5/8" threaded Survey-pole



ANDROID TABLET



2-YEAR WARRANTY ON HARDWARE

GENERAL FUNCTIONS

- Measure and stake out points and lines
- Supports DXF and LandXML
- Integrated tilt-to-go function
- Create surface designs & calculations
- On-site documentation
- Built-in radio
- IP67 certification
- Instant data and project synchronization via Unicontrol Cloud

GNSS

| | |
|----------------------------|--|
| Satellites Tracking | GPS: L1CA/L1P/L1C/L2P/L2C/L5 BeiDou: B1I/B2I/B3I/B1C/B2a/B2b GLONASS: G1/G2/G3, P1/P2 Galileo: E1/E5a/E5b/E6/ALTB0C |
| Channels | 800 |
| Signal Reacquisition | < 1 SEC |
| Cold Start | < 60 SEC |
| Warm Start | < 30 SEC |
| Hot start | < 10 SEC |
| RTK Signal Initialization | < 8 SEC |
| Initialization Reliability | > 99% |
| Update Rate | 10 Hz |

PERFORMANCE

| | |
|-----------------------|--|
| High Precision Static | H: 2 mm + 0.1 ppm V: 3 mm + 0.4 ppm |
| Static/Fast Static | H: 2.5 mm + 0.1 ppm V: 3.5 mm + 0.4 ppm |
| RTK | H: 8 mm + 1 ppm V: 15 mm + 1 ppm |
| Code Differential | H: 0.25 m V: 0.45 m |
| SBAS | H: 0.3 m V: 0.6 m |

POWER SUPPLY

| | |
|---------------|---|
| Battery | Rechargeable and built in Lithiumion battery, 7.2 V ~ 6800 mAh |
| Voltage | 9~28 VD, with over-voltage protection |
| Working Time | RTK: 10 hours Static: 14 hours |
| Charging Time | Typically 4 hours |

INTERNAL RADIO

| | |
|-----------------|--|
| Type | RX Only |
| Frequency Range | 410 ~ 470 MHz |
| Channel Spacing | 12.5 KHz / 25 KHz |
| Protocol | Satel, PCC, TrimTalk, TrimMark III, South, HiTarget |

COMMUNICATION

| | |
|-----------------|---|
| Bluetooth | BT 5.0, BLE |
| WIFI | 802.11 b/g/n |
| 4G Support Band | Global GSM /WCDMA/LTE |
| SIM Card | Nano |
| 5-pin Port | Connect to external radio and power NMEA data output |
| USB-C Port | Charge and data transmission |
| NMEA Output | GGA, ZDA, GSA, GSV, GST, VTG, RMC, GLL, Binary |
| Correction Data | CMR, CMR+, RTCM 3.2, RTCM3, RTCM32 |
| MEMS | Fast initialization, dynamic tilt survey up to 60° |

PHYSICAL

| | |
|------------------|--------------------------------------|
| Dimension | Φ152 mm x H92 mm |
| Weight | 915 g |
| Water/Dust Proof | IP67 |
| Shock | Survive a 2 m drop on concrete floor |
| Vibration | Vibration resistant |
| Certificate | CE, FCC, NGS Calibration |