

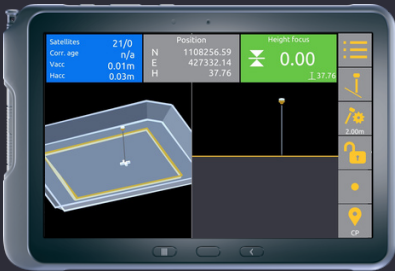
HARDWARE COMPONENTS:

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

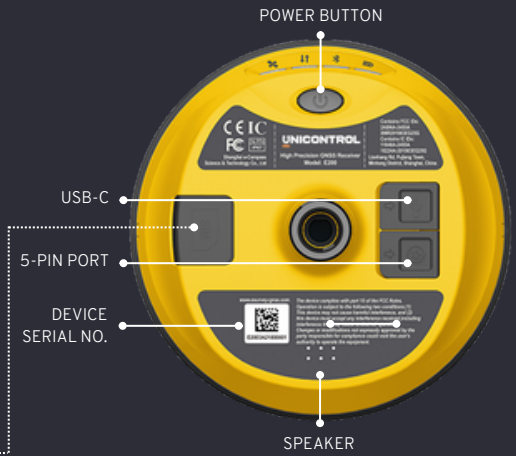
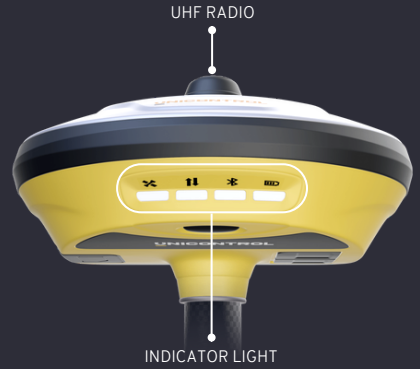
SUPPORTS:

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

ANDROID TABLET



NANO-SIM



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: LICA/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 Lithium battery, 7.2 V ~ 6800 mAh
Voltage	9~28 VD, with over-voltage protection
Working Time	E200 - RTK: 10 hours Tablet - RTK: 5 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°

POWER SUPPLY

Battery	Rechargeable and built in Lithium 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

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