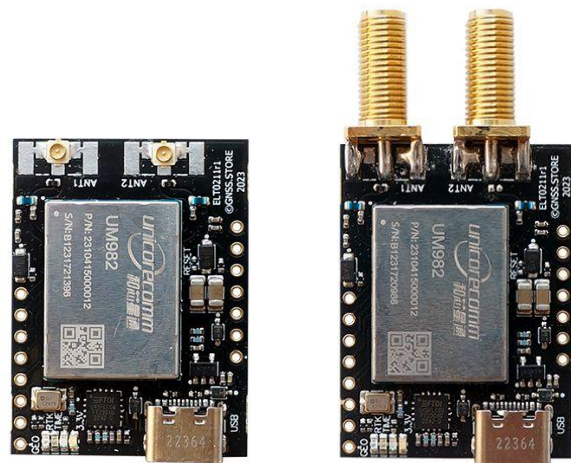## Features:

- Two antenna inputs with IPEX or SMA connectors
- On board low noise 3.3V voltage regulator
- **USB**, **SPI, I2C** and two **UART** (Tx, Rx) interfaces
- **USB C connector**
- Time pulse LED, GEO LED, RTK LED, Power LED
- u-precise Unicore evaluation software
- Extensive visualization and evaluation features
- Time pulse LED, GEO LED, RTK LED, Power LED
- Backup supercapacitor
- Dimensions: 28x38 mm without SMA
- Weight 10 gram
- Fully assembled and ready to use

GNSS FEATURES	
Receiver type	1408-channel NebulasIV engine Beidou, Galileo, GLONASS, GPS/QZSS
GNSS platform	All-constellation Concurrent GNSS
GNSS bands	L1C/A/L2P (Y)/L2C/L5, B1I/B2I/B3I, G1/G2, E1/E5a/E5b, L1/L2/L5
GNSS technology	Dual RTK

| PERFORMANCE	
Horizontal pos. accuracy	
Single point (RMS)	1.5 m
DGPS (RMS)	0.4 m + 1 ppm
RTK (RMS)	0.008 m + 1 ppm
Vertical pos. accuracy	
Single point (RMS)	2.5 m
DGPS (RMS)	0.8 m + 1 ppm
RTK (RMS)	0.015 m + 1 ppm
Heading accuracy (RMS)	0.1°/1 m baseline
Velocity accuracy (RMS)	0.03 m/s
Time accuracy (RMS)	< 20 ns
Observation accuracy (RMS)	
Pseudorange (all systems)	10cm
Carrier Phase (all systems)	1 mm
RTK Initialization time	< 5 s (typ)
RTK initialization reliability	> 99.9%
Time to First Fix	Cold start < 30s
Data update rate	Dual antenna 20 Hz
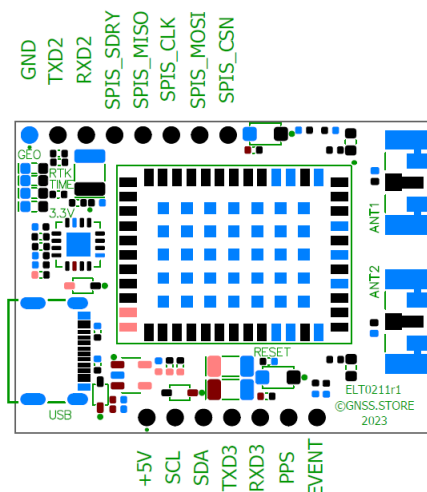
OTHER FEATURES	
Heading	Angle from the True North to the baseline between Master and Slave antennas. Angle from True North to the baseline of the base to rover in RTK mode.
Anti-spoofing	Advanced anti-spoofing algorithms
Anti-jamming	Active CW detection and removal. Jamming status for each frequency
Operating temperature	0 °C to +50 °C
Supply voltage	4.5 V to 5.5 V
Supply current	<200 mA typ (without external antenna)
External antenna requirements	Supply voltage <5.0 V Consumption current <100 mA