

RS-2

ROBOTIC GNSS/GPS BASE STATION



FEATURES:

►Dual-Channel Differential Broadcasting (4G + UHF)

Supports simultaneous transmission of differential correction data via cellular networks and UHF radio, ensuring stable reception across various terminal types and enhancing system fault tolerance and reliability.

►Global Communication and Remote Configuration

Compatible with major global 4G communication standards, the device allows remote access for parameter configuration, status monitoring, and maintenance—greatly reducing on-site operational costs.

►Built-in Professional Configuration Webpage

Offers an intuitive and comprehensive web interface that supports differential format settings (RTCM), network connection management, and system upgrades, improving configuration efficiency and overall user experience.

FEATURES	PERFORMANCE
<p>Physical Interfaces: nano sim card, TNC@UHF LEMO includes power, usb2.0 Size: 140*141mm</p> <p>Protocols NMEA 0183, RTCM v3.2</p> <p>UHF Radio Frequency: 410-470Mhz Protocols: Trimtalk, trimmk3, Satel,</p> <p>4G Communication Worldwide version</p> <p>GNSS CONSTELLATIONS GPS: L1, L2, L5 GLONASS: G1, G2, G3 BDS: B1, B2, B3 GALILEO: E1, E5, E6 QZSS: L1, L2, L5 NAVIC: L5 SBAS</p>	<p>Accuracy RTK Horizontal accuracy: 0.6cm+0.5ppm RTK Vertical accuracy: 1cm+1ppm Static: H2.5mm+0.5ppm; Static: V5mm+0.5ppm Standalone: H1.2m, V1.9m SBAS: H0.6m, V0.8m</p> <p>MAX update rate Position: 20Hz Measurement: 1Hz</p> <p>Electrical Input voltage: 12V (support 5-20V) Power consumption: 2.5W max Storage: 32GB</p> <p>Environmental Operating temp; -45 to 75°C Storage temp: -55 to 85°C Certification: CE, RoHS, FCC,</p>