BP4 RTK Base Station Technical Specification

GNSS Performance	
Positioning System	Full system, all frequency points
Satellite Frequency	BDS： B1I、BIC、B2I、B2a、B2b、B3I GPS： LIC/A、LIC、L2、L5 GALILEO： E1、E5a、E5b、E6 GLONASS： G1、G2 QZSS： LIC/A、LIC、L2、L5 NavIC： L5 SBAS: LIC/A
RTK accuracy	Plane: 0.7cm + 1ppm Elevation: 2cm + 1ppm
Time taken for first positioning	Cold start: <30s
RTK initialization time	<5s
RTK Initialization Reliability	>99.9%
Data transmission performance	
Operating Frequency	410-470 MHz
Carrier Power	1.5W or 0.5W
Modulation Mode	GFSK/4FSK
Protocol Version	Transmission protocols such as SOUTH, TRIMTALK TRANSEOT, TRIMMARK3, SATEL, etc.
airspeed	9600bps、19200bps
Physical Specifications	
Show	1.54-inch, color high-brightness TFT-LCD
Support rod thread	5/8-11
External Interface	Aviation Connector, TNC RF Connector, Type-C Interface
Protection Class	IP65
Power Supply	
External power supply	12V
Environmental suitability	
Operating Temperature	-20°C ~70°C
Storage Temperature	-30°C ~85°C