

SPECIFICATIONS

GNSS Feature	Specification	
GNSS Signal®	Channels	1408
	GPS	L1C(A) / L1C / L2P(Y) / L2C / L5
	BDS	B1I / B2I / B3I / B1C / B2a / B2b*
	GLONASS	L1 / L2 / L3
	Galileo	E1 / E5A / E5B / E6*
	SBAS	L1 / L2 / L5
	QZSS	L1 / L2 / L5 / L6*
	IRNSS	L5*
Positioning Performance	L-BAND*	B2b-PPP
	High-precision static GNSS Surveying	Horizontal: 2.5mm + 0.1ppm RMS Vertical: 3.5mm + 0.4ppm RMS
	Static and Fast Static	Horizontal: 2.5mm + 0.5ppm RMS Vertical: 5mm + 0.5ppm RMS
	Post Processing Kinematic (PPK / Stop & Go)	Horizontal: 8mm + 1ppm RMS Vertical: 15mm + 1ppm RMS Initialization time: Typically 10 min for base and 5 min for rover Initialization reliability: Typically>99.9%
	Code Differential GNSS Positioning	Horizontal: ±0.25m+1ppm RMS Vertical: ±0.5m+1ppm RMS SBAS: 0.5m(H), 0.85m(V) PPP: 0.1m(H), 0.2m(V)
	Real Time Kinematic (RTK)	Horizontal: 8mm+1ppm RMS Vertical: 15mm+1ppm RMS Initialization time: Typically <10s Initialization reliability: Typically > 99.9%
	Time to first Fix	Cold start: < 45 s Hot start: < 30 s Signal re-acquisition: < 2 s
	Hi-Fix®	Horizontal: RTK+10mm / minute RMS Vertical: RTK+20mm / minute RMS Additional horizontal pole-tilt uncertainty typically less than 8 mm +0.7 mm / °tilt (2.5cm accuracy in the inclination of 60°)
Communication	Communication	Bluetooth: 4.2 / 2.1+EDR, 2.4GHz Wi-Fi: frequency 2.4GHz, Supports 802.11a / b / g / n Frequency: 410-470MHz Channel: 116 (16 scalable)
	Internal UHF Radio	Transmitting power: 0.5W / 1W / 2W adjustable Supports multi-communication protocols: HI-TARGET, TRIMTALK450S, TRIMMARK III, TRANSEOT, SATEL-3AS, etc.
Physical	Internal battery	Internal 7.4V / 6800mAh lithium-ion rechargeable battery. RTK Rover (Network) for 12 hours. Static: up to 15 hours Power consumption: 4.2W Dimensions (W×H): 132mm×67mm
	External power	Charging: using standard smartphone chargers or external power banks. Weight: ≤0.8kg (includes battery) Data storage: 8GB ROM internal storage
Control Panel	LED Lamp	Satellite, Signal, Power
Environment	Physical button	1
	Water / Dustproof	IP67
	Shock and vibration	Designed to survive a 2m natural fall onto concrete
	Humidity	100%, condensing
	Operation temperature	-30°C~+70°C
I / O Interface	Storage temperature	-40°C~+80°C
	1 × USB port, Type C	
Data Formats	1 × SMA antenna connector	
	Output rate	1Hz-20Hz.
	Static data format	GNS, Rinex
	Network model	VRS, FKP, MAC; supports NTRIP protocol
	CMR& RTCM	CMR, RTCM 2.x, RTCM 3.0, RTCM 3.2
Navigation outputs ASCII	NMEA-0183	

* Les spécifications peuvent changées sans préavis, nous consulter ...

** Les précisions du récepteur peuvent variées en fonction de plusieurs facteurs ; configuration satellitaire, présence de masque ou de perturbation, qualité de la correction reçue, etc ...

Hi-Target
Solutions & Récepteurs GNSS

Nous assurons la fourniture des logiciels, des matériels, la formation de vos équipes et la maintenance de vos appareils en France.

TERA-PIXEL

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RÉCEPTEUR HAUTES PERFORMANCES

E-Bulle 9 axes & Radio UHF intégrée

Hi-Target

V200

- 1048 Canaux, dont Galiléo E6
- IMU 9 Axes Fiable & Rapide
- Coque Métal Robuste et Légère, 0.8 kg
- Récepteur Tropicalisé



100% Compatible
Solution Tablette-Pc



IP67