

S2/S3 plus Series



Handheld RTK GNSS Receiver

Features

The S2/S3 plus Series RTK GNSS Receiver has an integrated GNSS receiving board, powerful CPU, high-speed connectivity and a fully rugged IP rating. This provides a complete solution for high-accuracy GIS applications in any environment. Designed for high-speed data communication and storage, the S2/S3 plus Series combines connectivity and large data storage capacity. The S2/S3 plus Series comes ready to work with application possibilities ranging from power, agriculture and geological industries to forestry, field service and GIS/Surveying.

Item	S22T (BD920)	S31H (P207)	S31T (BD910)	S32H (P327)	S32T (BD930)
Overview	Processor 1GHz ROM 1GB RAM 512MB Operating system Windows Embedded Handheld Language Multi-languages Keypad 4 programmable keys Microphone √ Speaker √ Display 3.7" TFT LCD, Sunlight readable, pressure sensitive touch screen Resolution 480 x 640 Camera 500 megapixel Dimension (LxWxH) 210mm x 95mm x 45mm Weight 630g with battery				
GNSS Performance	GPS L1, L2 BDS - GLONASS L1, L2 Galileo E1 Channel 220 Maximum update rate 20Hz Protocol output NMEA-0183, RAW data External antenna √				
Accuracy	Autonomous 1.2m SBAS 0.5m DGPS 0.25m RTK 0.008m (Base line<30Km) Optional, 0.01m (Base line<5Km) Optional, 0.008m (Base line<5Km) 0.01m (Base line<30Km) 0.008m (Base line<30Km)				
Communications and Data Storage	USB Interface Fischer - Type A USB Serial port Fischer - DB9 serial port Bluetooth Bluetooth V2.0 WIFI √ 3G (WCDMA) √ Audio & Voice - Storage expansion TF, up to 32GB				
Power	Input DC 5V, 1A Detachable battery 9,300mAh, 3.7V				
Environment Specification	Operation temperature - 20 C ~ +60 C Storage temperature - 30 C ~ +70 C Dust & Humidity IP65 Drop 1.2m				
Supported Software	Standard AC adapter, USB Cable, Li-Ion Battery, 8GB TF, Strap with Stylus, Clear screen protector, Quick start guide, Pouch Optional Serial port cable, Centering holder, Mounting Bracket and Pole Clamp, External GNSS antenna, Antenna cable, Neck strap, Carrying case				