

Net S9 Continuously Operating Reference Station





- · Integrated professional OEM board
- · New design of aluminum alloy housing
- · IP67 industrial level standard
- \cdot WIFI hotspot and Bluetooth connections
- \cdot STH, RINEX raw data storage to FTP server
- \cdot eMMC technology for internal memory

Summary

SOUTH NET S9 has integrated professional OEM board, compatible with all constellations.

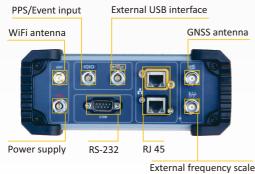
In addition, we greatly improve the operation experience and convenience for users with the additional function of WiFi hotspot and Bluetooth connections, thus, users are able to configure receiver with any mobile terminal. NET S9 is not only able to record STH file, but also support RINEX file storage.

10000mAh high capacity of battery builtin, can act as a primary power source or as an Uninterupted Power Supply (UPS) backup.

SOUTH NET S9 is using eMMC (Embeded Multi Media Card) technology for internal memory, faster and larger, stable and reliable. Moreover, NET S9 allows to connect to an external storage devices(maximum up to 1TB) via USB Host interface so that you don't have to worry about data storage.

User Interface





Distributor Info

arget your success

GNSS	
Channels	1598 channels
GPS	L1 C/A, L2E, L2C, L5
GLONASS	L1 C/A, L1P, L2 C/A(GLONASS M only), L2P
BDS	B1, B2, B3
GALILEO	L1 BOC, E5A, E5B, E5AltBOC1
SBAS	L1, L2C, L5
Initialization	Typically<10 seconds
Initialization reliability	>99.9%
Accuracy	×55.570
Code differential GNSS	Horizontal: 25cm+1ppm RMS
positioning	Vertical: 50cm+1ppm RMS
SBAS positioning accuracy	<5m (typically) 3DRMS RMS
high precision static	Horizontal: 2.5mm+0.1ppm RMS
5 1	Vertical: 3.5mm+0.4ppm RMS
Static GNSS surveying	Horizontal: 2.5mm+0.5ppm RMS
Baseline<30km	Vertical: 5mm+0.5ppm RMS
Static GNSS surveying	Horizontal: 4mm+0.5ppm RMS
Baseline>30km	Vertical: 9mm+0.5ppm RMS
Real-time Kinematic	Horizontal: 10mm+1ppm RMS
Baseline<30km	Vertical: 20mm+1ppm RMS
Real-time Kinematic	Horizontal: 8mm+0.5ppm RMS
Network RTK	Vertical: 15mm+0.5ppm RMS
Data storage & output	
Data storage	8G (extend to 32G) internal memory is capable of cycle-
	recording raw data, adopts eMMC technology, stable and reliable
Positioning rate	1Hz, 2Hz, 5Hz, 10Hz, 20Hz, 50Hz(depend on setup option)
Reference output	RTCM2.1, RTCM2.2, RTCM2.3, RTCM3.0
Novigation subject	RTCM3.1, RTCM3.2
Navigation output	ASCII: NMEA-0183 GSV, AVR, RMC, HDT, VGK, ROT, GGK, GGA,
Data format	GSA, ZDA, VTG, GST, PJT, PJK, BPQ, GLL, GRS, GBS and binary
Data retrieval	Support STH, RINEX2.x, RINEX3.x raw data storage Download form HTTP, FTP Push and USB copy
Data communication	Download form fifter, FTF Fusit and OSB copy
Ethernet protocol	Support TCP/IP, HTTP and NTRIP protocol
Serial port	Navigation data, static data and differential correction data
	transmission, PPS-UTC
Bluetooth	Bluetooth 2.1 (Class2)+EDR, 2.4GHz
WiFi	2.4GHz, IEEE 802.11 b/g/n, allows to access built-in web user
	interface with the mobile terminal via its WIFI hotspot
Electrical	
Power supply	9V \sim 28V DC input, 3 separate interfaces for power supply with
	over-voltage protection
Battery	10000mAh high capacity of battery built-in
Battery life	More than 15 hours for continuous work in default configuration
Consumption	Low power consumption 3.8W
User interface	Front nanol display with buttons and LED career
Front panel Network interface	Front panel display with buttons and LED screen Two RJ45 network interface
RS-232 serial	
NJ ZJZ JCHUI	()ne RS-737 serial nort(9-nin) data transmission
USB	One RS-232 serial port(9-pin), data transmission Two USB port_USB host and USB device
USB Power interface	Two USB port, USB host and USB device
USB Power interface Multi-function interface	Two USB port, USB host and USB device Three separate power interface
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SOUTH SURVEYING & MAPPING TECHNOLOGY CO., LTD.

Add: South Geo-information Industrial Park, No. 39 Si Cheng Road, Tian He IBD, Guangzhou 510663, China Tel: +86-20-23380888 Fax: +86-20-23380800 E-mail: mail@southsurvey.com export@southsurvey.com impexp@southsurvey.com gnss@southsurvey.com http://www.southinstrument.com http://www.southsurvey.com