

Net S9

Continuously Operating Reference Station





- Integrated professional OEM board, 336 channels
- •New design of aluminum alloy housing
- IP67 industrial level standard
- WIFI hotspot and Bluetooth connections
- STH, RINEX raw data storage to FTP server
- eMMC technology for internal memory

Summary

KOLIDA NET S9 has integrated professional OEM board, 336 channels, 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.

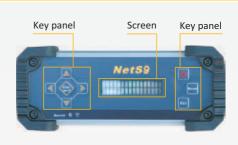
10000mAh high capacity of battery builtin, can act as a primary power source or as an Uninterupted Power Supply (UPS) backup.

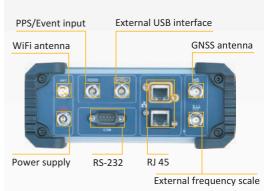
KOLIDA NET S9 is using eMMC (Embeded Multi Media Card) technology for internal memory, faster and larger, stable and

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

Channels	336 channels
GPS	L1 C/A, L2E, L2C, L5
GLONASS	L1 C/A, L1P, L2 C/A(GLONASS M only), L2P
BDS	B1, B2, B3
GIOVE-A	L1 BOC,E5A, E5B, E5 AltBOC
GIOVE-B	L1 CBOC,E5A, E5B, E5 AltBOC
SBAS	L1 C/A, L5
Initialization	Typically<10 seconds
Initialization reliability	>99.9%
Accuracy	
Code differential GNSS	Horizontal: 25mm+1ppm RMS
positioning	Vertical: 50mm+1ppm RMS
SBAS positioning accuracy	
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-
Docitionics	recording raw data, adopts eMMC technology, stable and reliable
Positioning rate	1Hz, 2Hz, 5Hz, 10Hz, 20Hz, 50Hz(depend on setup option)
Reference output	CMR, CMR+, RTCM2.1, RTCM2.2, RTCM2.3, RTCM3.0,
NI	RTCM3.1, RTCM3.2, sCMRx, RTCA, NOVATELX
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 format Data retrieval	Support STH, RINEX2.x, RINEX3.x raw data storage Download form HTTP, FTP and USB copy
Data communication	Download form HTTP, FTP and OSB copy
Ethernet protocol	Support TCP/IP, HTTP and NTRIP protocol
Serial port	Navigation data, static data and differential correction data
Corrai por c	transmission, PPS-UTC
Bluetooth	Bluetooth 2.1 (Class2)+EDR, 2.4GHz
WELVELI	
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
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WiFi Electrical Power supply	2.4GHz, IEEE 802.11 b/g/n, allows to access built-in web user interface with the mobile terminal via its WIFI hotspot 9V~28V DC input, 3 separate interfaces for power supply with over-voltage protection
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