

## Specifications

GNSS	
Channels	336 (672 channels optional)
GPS	L1C/A, L2E, L2C, L5
GLONASS	L1C/A, L2P, L2C/A, L2P
GALILEO	E1, E5A, E5B, B5AltBOC, E6
BDS	B1, B2, B3
SBAS	WASS, MSAS, EGNOS and GAGAN
Initialization	<10s
Reliability	>99%
Accuracy	
SBAS positioning	Typically<5m 3DRMS
Code differential	H: $\pm 0.25\text{m}+1\text{ppm}$ , V: $\pm 0.50\text{m}+1\text{ppm}$
Real-time Kinematic	H: $\pm 8\text{mm}+1\text{ppm}$ , V: $\pm 15\text{mm}+1\text{ppm}$
Static	H: $\pm 2.5\text{mm}+1\text{ppm}$ , V: $\pm 5\text{mm}+1\text{ppm}$
Data	
Storage	8GB SSD (64GB optional)
Position update rate	1Hz, 2Hz, 5Hz, 10Hz, 20Hz, 50Hz(optional)
Differential output	RTCM2.x, RTCM3.x, CMR, CMR+, sCMRx
Data output	ASCII (NMEA-0813), BINARY
Static format	STH, RINEX2.x, RINEX3.x
Data retrieval	Download form HTTP, FTP Push, or transfer by USB port
Communication	
Protocol	TCP/IP, HTTP and NTRIP protocol
LEMO port	Navigation data, static data and differential correction data transmission, PPS-UTC
Bluetooth	Bluetooth 2.1+EDR
Wi-Fi	2.4GHz, IEEE 802.11b/g/n, supports hotspot and client mode
Radio	410MHz-470MHz
Cellular	4G
Physical	
Size	184*134*54mm
Weight	1.2kg
Shock and Drop	1.2m
Water/Dust proof	IP68
Environmental	
Operation temperature	-40°C -75°C
Storage temperature	-40°C -85°C
Humidity	100%



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**SANDING**

**NETS10 mini**



All constellations



Linux OS



UHF Radio



Communication



Cloud service