

# S Net 10



**Full Constellation |  
Multi-Frequency |  
Advanced Satellite Tracking  
Performance**

Supports all GNSS signals and channels to deliver accurate, reliable, and comprehensive data acquisition.

**Linux OS | 1GB RAM | 32GB ROM**

Experience fast, stable, and efficient performance with S Net 10.

**Integrated 4G Module |  
Expandable Storage**

Built-in 4G connectivity ensures real-time data transmission. Expandable memory via TF card slot supports up to 128GB.

**Internal Battery Prepared for  
Emergency**

Features a 3,400mAh internal battery that provides up to 8 hours of operation in case of unexpected power outages.

**Engineered for Tough  
Environments**

Designed with durability in mind, S Net 10 offers superior 1.5m drop resistance with IP68 protection.

**Web UI | Simple to Operate**

No additional software needed. Accessible anytime on mobile, tablet, or PC, giving you seamless operation across platforms.

**Seamless Upgrades and  
Control |  
Save Time, Stay in Control**

Supports OTA remote updates and management.

# SPECIFICATIONS

## SYSTEM

OS	Duo core A7+M4 Linux
RAM	1GB
ROM	32GB

## SATELLITE PERFORMANCE

Channels	1,408
GPS	L1C/A, L2C, L2P(Y), L5
GLONASS	L1, L2
BEIDOU	B1i, B2i, B3i, B1C, B2a, B2b
GALILEO	E1, E5a, E5b, E6
QZSS	L1, L2, L5, L6
SBAS	L1, L5
IRNSS	L5
L-Band	B2b-PPP, E6-HAS
Positioning Rate	1-50Hz

## ACCURACY

Code Differential	H: 0.25m±1.0ppm (RMS) V: 0.5m±1.0ppm (RMS)
Static	H: 2.5mm±0.5ppm (RMS) V: 3.5mm±0.5ppm (RMS)
Real-time Kinematic	H: 6mm±1ppm (RMS) V: 10mm±1ppm (RMS)
Network RTK	H: 8mm±0.5ppm (RMS) V: 15mm±0.5ppm (RMS)

## DATA STORAGE

Expandable Storage	TF card, max. 128GB
Data Transfer	Type-C USB Transfer, TCP/IP Supports FTP/HTTP, SSL download
Differential Format	RTCM 2.1, RTCM 2.3, RTCM 3.0, RTCM 3.1, RTCM 3.2, RTCM 3.3, RTCM 3.4, NMEA 0183, CMR, CMR+, NTRIP Caster/Client/Server, Email, PJK plane coord., binary code, Trimble GSOF
Static Data Format	DAT, RINEX 2.x, RINEX 3.x, BINEX
GPS Output Format	VRS, FKP, MAC, GSM/GPRS, UHF external optional

## COMMUNICATION

Ethernet	RJ45
Data Port	M12-12, includes: RS232, RS485, CAN/RS232, PPS, EVENT, GND
GNSS Antenna	TNC
Network Antenna	TNC
WiFi	2.4G/5G, 802.11 a/b/g/n/ac
Bluetooth	BT2.1+EDR, 3.0, 4.1LE/4.2 BLE

## INTERFACES

Button	2: Power, Reset
LED Indicator	Ethernet, Satellite, Datalink, Recording, Power

## POWER SUPPLY

Interface	Type-C
Battery	15 V/ 1.2A, max. 18 W 10.8V, 3,400mAh
External Supply	2-pin LEMO 9-18V Voltage 12V DC

## PHYSICAL

Dimension	61.35mm(H)* 117.98mm (W)
Weight	839g
Operating Temp.	-40°C to 65°C
Storage Temp.	-40°C to 80°C
Proof	IP68 water and dust proof Humidity: 5-95% non-condensing 1.5m drop on hard surface