



X20 GNSS SYSTEMS

High-Precision Positioning and True Heading

For seismic, surveying and machine control



Pole-mounted for surveying and field navigation

X20 ROVER

- ✓ Portable GNSS rover with integrated battery
- ✓ Up to 48 hours runtime
- ✓ Wi-Fi, Bluetooth, and RS-232 Serial interface
- ✓ Fits standard 5/8-11 survey pole



X20 PUCK

- ✓ Rugged compact magnetic mount GNSS puck
- ✓ Simple wired integration
- ✓ RS-232 Serial interface
- ✓ RTCM corrections via connected control system



X20 DUAL

- ✓ High-precision position and true heading
- ✓ Single or dual antenna configuration
- ✓ Wi-Fi, Bluetooth, Ethernet and RS-232
- ✓ Ideal for vehicle and machine-control applications



Centimeter-Level RTK



10-20 cm* with Galileo HAS



OSNMA Compatible Anti-Spoofing



True Heading



Flexible Deployment



AccuNAV Corrections Service

- ✓ NTRIP correction service for RTK positioning
- ✓ Delivers fast, repeatable centimeter-level RTK performance
- ✓ Continental or wide-area coverage across supported regions
- ✓ Works with most NTRIP-capable receivers
- ✓ No local base station required

Available at store.seismicsource.com



Reliable RTK corrections
Fast convergence and repeatable centimeter-level performance for field operations.

X20 PORTABLE

Standalone Accuracy	10-20 cm*
RTK Accuracy	Up to 1 cm
Constellations	GPS, GLONASS, Galileo, BeiDou, QZSS
Frequency Bands	L1, L2, L5, L6, L-band
Channels	672
Update Rate	Up to 20 Hz (5Hz Default)
Interfaces	RS-232 Serial, Wi-Fi, BLE
Battery Runtime	Up to 48 hours per charge
OSNMA	Compatible

X20 PUCK

Standalone Accuracy	10-20 cm*
RTK Accuracy	Up to 1 cm
Constellations	GPS, GLONASS, Galileo, BeiDou, QZSS
Frequency Bands	L1, L2, L5, L6, L-band
Channels	672
Update Rate	Up to 20 Hz (5Hz Default)
Interfaces	RS-232 Serial
Corrections	RTCM via connected system*
OSNMA	Compatible

X20 DUAL

Standalone Accuracy	10-20 cm*
RTK Accuracy	Up to 1 cm
Heading Accuracy	Better than 0.3° RMS
Constellations	GPS, GLONASS, Galileo, BeiDou, QZSS
Frequency Bands	L1, L2, L5, L6, L-band
Channels	1344
Update Rate	Up to 20 Hz (5Hz Default)
Interfaces	RS-232, BLE, Wi-Fi, Ethernet
OSNMA	Compatible

IDEAL FOR



Stakeless Node Deployment



Surveying & Mapping



Vibrator Fleets



Machine Control



SeismicSource.com



Ponca City, Oklahoma, USA

*Approx. 10-20 cm using Galileo HAS free global corrections

*RTCM corrections for puck delivered through connected control system ie. Force 3 or DAQlink