

# SSC-X20 GPS RECEIVER



## HIGH-PRECISION GNSS WITH HEADING FOR SEISMIC AND MACHINE CONTROL

The SSC-X20 GPS Receiver delivers centimeter-level positioning and true heading accuracy for the most demanding applications. Available as a compact rover or an external dual-antenna system, the SSC-X20 provides reliable performance for seismic source positioning, machine control, and precision guidance.

### KEY FEATURES

- Centimeter-level RTK positioning with NTRIP corrections
- Optional dual antenna system provides true heading and orientation at all times
- Heading accuracy <math><0.3^\circ</math> RMS (dual antenna system)
- Frequencies: L1, L2, L5, L6, and L-band
- Built-in radio, Wi-Fi, Bluetooth, and cellular options
- Supports external dual-antenna system, external receiver box, or single antenna solution
- Rugged IP67 design for harsh environments
- Designed for seismic source systems, vibrator fleets, machine control, and construction equipment

### BUILT FOR PERFORMANCE

The SSC-X20 is engineered for applications where direction matters. Dual antennas deliver accurate heading even while stationary, ideal for source positioning and machine control.



### CONFIGURATION OPTIONS

#### ROVER (SINGLE ANTENNA)



Compact, lightweight rover ideal for general positioning applications where heading is not required.

#### EXTERNAL RECEIVER BOX WITH OPTIONAL DUAL ANTENNAS



External receiver box with optional dual antennas for flexible installation and mounting.

*Use one antenna or two antennas as needed.*

### SPECIFICATIONS

X20 ROVER (SINGLE ANTENNA)	
FEATURE	DETAILS
Position Accuracy (RTK)	Up to 1 cm
Heading Accuracy (Dual Antenna)	N/A
GNSS Constellations	GPS, GLONASS, Galileo, BeiDou, QZSS
Frequencies	L1, L2, L5, L6, and L-band
Channels	1,344
NTRIP Support	Yes
Antenna	High-performance integrated antenna
Communication	Radio, Wi-Fi, Bluetooth, Cellular (Opt.)
Data Output	NMEA, RTCM 3.x
Update Rate	Up to 20 Hz
Operating Temperature	-40°C to +65°C
Water / Dust Protection	IP67
Power Input	9 – 36 V DC
Dimensions (Antenna)	Ø160 mm x 72 mm
Weight	-0.9 kg

X20 EXTERNAL RECEIVER BOX (OPTIONAL)	
FEATURE	DETAILS
Position Accuracy (RTK)	Up to 1 cm
Heading Accuracy (Dual Antenna)	<math><0.3^\circ</math> RMS
GNSS Constellations	GPS, GLONASS, Galileo, BeiDou, QZSS
Frequencies	L1, L2, L5, L6, and L-band
Channels	1,344
NTRIP Support	Yes
Antenna Configuration	Optional: One or Two Antennas
Communication	Radio, Wi-Fi, Bluetooth, Cellular (Opt.)
Data Output	NMEA, RTCM 3.x
Update Rate	Up to 20 Hz
Operating Temperature	-40°C to +65°C
Water / Dust Protection	IP67
Power Input	9 – 36 V DC
Dimensions (Receiver Box)	220 mm x 150 mm x 60 mm
Dimensions (Antenna)	Ø160 mm x 72 mm (each)
Weight	-1.8 kg (receiver box only)

### IN THE BOX (EXTERNAL RECEIVER SYSTEM)

- SSC-X20 Receiver Box
- Two GNSS Antennas (Optional)
- Antenna Cables
- Power / Data Cable
- Mounting Brackets
- Quick Start Guide

### IDEAL FOR



### HOW IT WORKS



### CONNECTIVITY OPTIONS



### WHY CHOOSE SSC-X20?

