



Introducing the all new Asteri Xi series specifically engineered for the iOS environment

RELIABLE PRECISION MADE FOR iOS FIELD RUGGED INTEGRATED ANTENNA

Engineered to provide precise GNSS measurements in a small rugged, wearable platform; the Asteri Xi Series will handle all of your mapping and GIS projects.

With its fully integrated antenna design, users can achieve mapping grade accuracies using real-time networks, or connect to an optional external antenna for even higher accuracy.

Multi-Constellation GNSS Tracking
Real-Time Data Collection
No Post-Processing Required
Multiple Accuracy Levels available



X1i

1 Meter
(SBAS)



X2i

Sub-Meter
(SBAS)

Deci-Meter
(RTK/VRS)



X3i

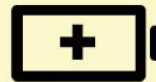
Sub-Foot
(SBAS)

Deci-Meter
(ATLAS H-10)

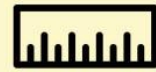
Sub-Inch
(RTK/VRS)



Supports connection to the constellations of GPS, GLONASS, Galileo, and BeiDou. The X2i and X3i support RTK correction.



At 3400 mAh, our lithium-ion battery will last all day. Completely field replaceable. Grab the optional power kit for extended use.



Light and compact, the Asteri Xi Series is nimble in the field. Optional kits included a 2-meter range rod for precision mapping, or a backpack kit to stay on the go.



Quick "time to first fix" on all Xi series models. This ensures less time acquiring a signal and more time mapping and completing projects.



X1i

X2i

X3i

Channels:	72	144	394
Signals Received:	GPS QZSS L1 C/A GLONASS L10F BeiDou B1 Galileo E1B/C	GPS L1/CA, L2C QZSS L1/CA, L2C GLONASS L10F, L20F BeiDou B1/B2 Galileo E1B/C, E5b	GPS L1CA, L1P/L2P/L5 GLONASS G1/G2,P1/P2 L10F,L20F BeiDou B1/B2/B3 Galileo E1
Correction Type:	SBAS L1/CA	SBAS L1/CA NTRIP (RTCM 3)	SBAS tracking 3 channel parallel RTCM 2 NTRIP (RTCM 3, CMR) ATLAS
Navigation Update:	2 Concurrent GNSS up to 10 Hz	4 Concurrent GNSS up to 20 Hz	4 Concurrent GNSS up to 20 Hz
Accuracy:	SBAS 1-2 Meter RMS Horizontal	Single Baseline RTK 0.01 m + 1 ppm Horizontal CEP SBAS 1 Meter RMS Horizontal	Single Baseline RTK 0.008m+1ppm Horizontal CEP 0.015m+2ppm Vertical CEP ATLAS H10 0.04m+1ppm Horizontal CEP ATLAS H30 0.15m+1ppm Horizontal CEP SBAS 0.30m Horizontal RMS 0.60m Vertical RMS
Acquisition Time:	Cold Start: < 26 sec Hot Start: < 1 sec	Cold Start: < 24 sec Hot Start: < 2 sec	Cold Start < 60 sec Hot Start < 10 sec
Protocol:	NMEA 0183	NMEA 0183 RTCM version 3.x	NMEA 0183 CAN Rox RTCM v2.3 (DGPS) RTCM v3 (RTK) CMR, CMR+4 ATLAS

Standard Receiver Kit

- (1) Asteri X-Series receiver (X1i/X2i/X3i)
- (1) Asteri (High Capacity 3400mAh) lithium-ion battery
- (1) LEMO to AC adaptor connector
- (1) Armband pouch
- (1) Year limited hardware warranty

Optional Accessory Kits

X-Series Precision Kit

- (1) 2-meter carbon fiber range rod
- (1) UA35 Multi-Frequency external antenna
- or (1)*GPS500 Dual-Frequency
- (1) 4ft Asteri external antenna cable
- *for X2i model

**reccomended for X2i and X3i

X-Series Mobile Kit

- (1) Asteri backpack
- (1) 21cm extension pole
- (1) UA35 Multi-Frequency external antenna
- or (1)*GPS500 Dual-Frequency
- (1) 4ft Asteri external antenna cable

X-Series Power Kit

- (1) Asteri (High Capacity 3400mAh) lithium-ion battery
- (1) LEMO to AC adaptor connector
- (1) External battery charger
- *recommended for X3i