



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)

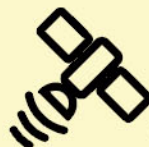


X3i

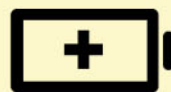
Sub-Foot
(SBAS)

Deci-Meter
(ATLAS H-10)

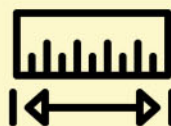
Sub-Inch
(RTK/VRS)



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.

Made for

iPod iPhone iPad

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 adapter 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

**recommended 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 adapter connector
- (1) External battery charger

*recommended for X3i