

# SXPad Pro

## Handheld GNSS receiver Sub-meter / Centimeter

### Advanced Technology

The SXPad Pro is a next generation of high-accuracy GIS and RTK surveying handheld GNSS receiver that sets a new price/performance standard for GNSS surveying and mapping receivers.

The sleek, handheld design of the SXPad Pro is only overshadowed by its powerful, internal GNSS receiver capable of tracking GPS L1, GPS L2, GLONASS and SBAS. It's a multi-constellation, dual frequency receiver capable of 2cm real-time RTK positioning. If you only need real-time, 60cm accuracy, then you can simply just activate GPS L1 and GLONASS in the receiver. It is a fully flexible GNSS receiver at a price that has never been seen in the market before.

With its built-in WiFi capabilities, 3G cellular GPRS modem and built-in NTRIP software utility, you will have all the tools you need to connect to RTK networks or other sources of RTK or DGPS corrections, and use any commercial Windows Mobile application software you choose such as ArcPad, SurvCE, Digiterra, ArcGIS Mobile and FieldCE or freeware such as VisualGPSce, NoniGPSPlot and SXBlueConfig. Other communications capabilities include Bluetooth 2.0 for interfacing to instruments such as laser rangefinders, barcode scanners, and various sensors.

The SXPad Pro features a best-in-class 3.7" VGA TFT outdoor-viewable color touchscreen for viewing complex CAD and GIS raster/vector data. To accommodate large data sets, it has 512MB of built-in flash storage and a microSD slot for an additional 32GB of high-speed flash storage and a 624Mhz processor.

The rugged SXPad Pro is built to survive tough environments. It is waterproof, dustproof, and drop-resistant with an operating temperature range of -20°C to +60°C and an IP-65 rating.







## Specifications

<b>OS</b>	➔ Windows Mobile 6.5 Pro
<b>CPU</b>	➔ 624MHz
<b>RAM</b>	➔ 256MB
<b>Flash Storage</b>	➔ 512MB
<b>Display</b>	➔ 3.7", VGA resolution, Sunlight readable
<b>Camera</b>	➔ 5MP with AF
<b>Mic</b>	➔ Yes
<b>Speaker</b>	➔ Yes
<b>Battery</b>	➔ 6800mAH
<b>GNSS</b>	➔ GPS L1/L2, GLONASS L1/L2, RTK
<b>SBAS</b>	➔ Yes
<b>DGPS</b>	➔ Yes, RTK
<b>Accuracy</b>	➔ 2 cm (internal antenna), 1 cm (external antenna)
<b>External Antenna</b>	➔ Yes
<b>Protocol</b>	➔ NMEA-0183, ASCII data, Binary data, RTCM, CMR, etc.
<b>Bluetooth</b>	➔ 2.1 with EDR
<b>WIFI</b>	➔ 802.11 b/g
<b>WWAN</b>	➔ 3G, gprs/gsm,
<b>IP rate</b>	➔ IP65
<b>Drop</b>	➔ 1.5m
<b>Operation temp.</b>	➔ -20°C to 60°C
<b>Storage temp.</b>	➔ -30°C to 70°C
<b>Size</b>	➔ 210mm x 95mm x 45mm
<b>Weight</b>	➔ 575g (with battery)

Running Windows Mobile 6.5 Professional, the SXPad Pro comes with a full range of Microsoft utilities including Mobile Office (Excel, Word, PPT, OneNote, Sharepoint), phone, picture/video recorder, calendar and many more tools to increase productivity in the field.

The SXPad Pro has full multimedia functionality with a built-in, auto-focus 5MP digital camera capable of recording digital photos as well as digital videos for recording features while you're in the field as well as a microphone and speaker.

## Features

- Scalable GNSS receiver for real-time 2cm RTK GNSS accuracy or 60cm real-time SBAS accuracy.
- Brilliant 3.7" outdoor-viewable color touchscreen.
- Rugged, waterproof, dustproof, drop-resistant. IP-65.
- Very affordable.
- Microsoft 6.5 Professional

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