

SXblue

Rugged GPS Data Collector

A reliable and feature-packed data collector at an astounding price.

KEY FEATURES

- Ruggedized for extreme conditions
- Bluetooth, Wi-Fi, GSM/GPRS Modem
- IP67
- 5 MP camera with autofocus
- Alphanumeric keypad
- 3.7" Sunlight readable (640x480 Touch Panel)

INCLUDED ACCESSORIES

- 1 x Li-Ion Battery
- Stylus pen with tether strap
- USB data/charging cable
- USB wall charger
- Screen protector

COMPATIBLE SOFTWARE

- ESRI ArcPad
- ESRI ArcMobile
- Carlson GIS360, SurvCE
- MicroSurvey FieldGenius



ACCURACY AND PERFORMANCE

With the SXPad 1000P, high accuracy GIS data can be mapped in less time with less effort. The rugged, lightweight SXPad 1000P is the simple and total solution to your biggest GIS mobile application challenges.

With a powerful 1 GHz processor, this handheld is a high-performance device designed to give you all the power you need to work with maps and large data sets in the field. It is powered by Windows Mobile® 6.5, so you can use as many software solutions as you want. With an integrated cellular modem, SXPad 1000P offers wireless connectivity for internet access and GIS data exchange with a server or other client. You can also wirelessly connect other devices such as the high accuracy SXBlue GPS receivers and Bluetooth-enabled laser rangefinders.

SPECIFICATIONS

SYSTEM

OS	Windows Mobile 6.5
Processor	1 GHz, Cortex A8
Memory	512 MB RAM and 8 GB Internal Storage (Expansion to 32 GB optional)
Camera	5 MP with autofocus VGA resolution video capture
Display	3.7" VGA TFT color (480 x 640) Sunlight readable VGA resolution video capture
Battery	Li-Ion 7.2 V/3400 mAh (10 hours of operation)
Other	Speaker and microphone

GPS PERFORMANCE

U-blox 8 single frequency GNSS receiver (GPS, GLONASS, BeiDou, SBAS, QZSS)	
72 channels parallel Tracking B1/L1 Wave Band	
1-3 meter accuracy	
Update rate	1 Hz
Time to first fix	25 seconds
NMEA-0183, RTCM, CORS (VRS/NRS)	

PHYSICAL

Size	192 mm x 93 mm x 40 mm 7.6" x 3.7" x 1.6"
Weight	595 g 21 oz

ENVIRONMENT

Operating Temperature	-30 °C to +60 °C (-4 °F to 140 °F)
Storage Temperature	-30 °C to +70 °C (-22 °F to 158 °F)
Humidity	5-98% non-condensing
Drop	1.5 m (5 ft) height onto a concrete floor
Waterproof & dustproof	IP67

CONNECTORS

- Mini Waterproof OTG USB
- RS232
- MicroSD card slot
- SIM card slot

CERTIFICATIONS

- IP67
- ROHS
- CE
- Warranty 1 year

COMMUNICATION

3.5G communication module, support WCDMA, CDMA 2000 optional	
GSM/GPRS	
Bluetooth	v2.1+EDR
Wi-Fi	802.11b/g

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