



♦ **Highly productive with powerful features**

The SOUTH X11 comes with Windows Embedded Handheld 6.5, 1 GHz processor and advanced manufacturing process, which can drive any field software with ease and provide customers with a wider range of uses and application.

♦ **Built to survive**

With rugged and reliable design, in addition to IP67 certification, which can protect it well during work in any harsh environment. SOUTH X11 is independently certified to MIL-STD 810G standards including drop from 1.5m and can operate in temperatures from -30°C to 60°C.

♦ **Flexible communication and data handling**

Stay connected with a wide range of communication and data storage options. With fully integrated wireless technology (Bluetooth, GSM/UMTS 3.5G, WiFi), a choice of two connector modules and data storage using an SD card or external memory stick, The SOUTH X11 are ready for all challenges on site and in the office.

♦ **Advanced GIS application**

The SOUTH X11 is built with an integrated powerful 72 channels GNSS chip (GPS, GLONASS, BEIDOU, SBAS, QZSS), which can also process RTCM2.3 data from CORS. These features open the door to countless application possibilities, making it ideal for GIS surveying and other GPS/mapping-based applications.

X11 Pro



Specifications

| X11 (Pro) | |
|--|---|
| HARDWARE | |
| Operation system | Windows Mobile6.5 |
| Processor | TI Sitara™ AM335x 1GHz |
| RAM | 512MB |
| ROM | 8GB (Up to 32GB), SD expansion to 32GB |
| INTERFACE AND INPUT | |
| Multi-media | Integrated speakers, microphone, telephone handset, support recording and playback |
| Soft Key | Digital soft keyboard character input, support handwriting and spelling input |
| External Power Supply | External power connector |
| SD Card Slot | Supports SD up to 32GB |
| USB Port, Serial Port | Yes |
| DISPLAY | |
| Model | Blanview TFT, LED Backlighted |
| Resolution | 480x680 VGA |
| Size | 3.7inch |
| CAMERA | |
| Static Model | |
| Image Format | |
| Video Mode | |
| GPS SPECIFICATIONS | |
| Channels | 72 |
| Tracked Satellites | GPS/QZSS: L1 C/A code SBAS: L1 C/A code WAAS, EGNOS, MSAS GLONASS: L10F GALILEO: E1 B/C |
| Accuracy | Velocity accuracy: 0.05 m/s Position accuracy: 2.5m DGPS: Sub meter |
| Max navigation Update Rate | 4Hz |
| Cold Start | 29s |
| Supported Protocols | Support RTCM 2.3 Differential NMEA 0183 UBX binary, u-blox proprietary |
| DATA COMMUNICATION | |
| Bluetooth Device | 2.1+EDR |
| WIFI | 802.11 b/g/n Wireless LAN |
| Communication module | Built-in universal quad-band communication model (WCDMA) |
| Multi-media | Multimedia message |
| Voice Calls | Included |
| SIM Card | SIM Card Socket |
| POWER SUPPLY | |
| Battery Capacity | 7.2V, Removable Li-Ion 24.4Wh (BP-5S) |
| Working Hours | Up to 10 hours, Up to 12 hours |
| PHYSICAL SPECIFICATIONS | |
| Size | 193×91×42mm (L*W*D) |
| Weight | 600g (battery included) |
| Relative Humidity | 5%~95% non-condensing |
| Operation Temperature | -30°C~60°C |
| Storage Temperature | -30°C~70°C |
| Waterproof/ Dustproof | IP67 |
| Shock and vibration | Withstands 1.5m free drop onto hard surface, MIL-STD-810G |
| STANDARD ACCESSORIES | |
| Carton package x 1, Adapter x 1, USB cable x 1, Battery x 1, Handstrip x 1, Stylus & string of pen x 1, Screen protector x 1, Charger set x 1, Bracket x 1 | |



IP67



SOUTH
Target your success

SOUTH SURVEYING & MAPPING TECHNOLOGY CO., LTD.

Add: 7/F, No.39 Si Cheng Road, Tian He IBD Guangzhou 510663, China (South Geoinformation Industrial Park)
Tel: +86-20-23380888 Fax: +86-20-23380800
E-mail: mail@southsurvey.com export@southsurvey.com impexp@southsurvey.com gnss@southsurvey.com
http://www.southinstrument.com http://www.southsurvey.com