



◆ **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 filed software with easy 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 Lite/Pro



Specifications

X11 (Lite/Pro)	
HARDWARE	
Operation system	Windows Mobile6.5
Processor	TI Sitara™ AM335 x 1 GHz
RAM	512MB
ROM	8GB (Up to 32GB), SD expansion to 32GB
INTERFACE AND INPUT	
Multi-media	Integrated speakers, microphone, telephone handset, support for 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
DATA COMMUNICATION	
Bluetooth Device	2.1+EDR
WIFI	802.11 b/g/n Wireless LAN
POWER SUPPLY	
Battery Capacity	7.2V, Removable Li-Ion 24.4Wh
Working Hours	Up to 10 hours (S4II H), Up to 12 hours (S4II C)
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
Drop	Withstands 1.5m free drop onto hard surface
STANDARD ACCESSORIES	
Carton package, Adapter, USB cable, Battery, Handstrip, Stylus & string of pen, Screen protector, Charger set, Bracket	

X11 (Pro Only)	
CAMERA	
Static Model	AutoFocus 5 MP
Image Format	JPG (2048 x 1536)
Video Mode	Up to VGA resolution
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	
Accuracy	Velocity accuracy: 0.05 m/s Position accuracy: 2.5m DGPS: Sub meter
Max navigation Update Rate	4Hz
Cold Star	29s
Supported Protocols	Support RTCM 2.3 Differential NMEA 0183 UBX binary, u-blox proprietary
DATA COMMUNICATION	
Communication module	Built-in universal quad-band communication model (WCDMA)
Multi-media	Multimedia message
Voice Calls	Included
SIM Card	SIM Card Socket



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