



◆ **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)			
HARDWARE		Communication module	Built-in universal quad-band communication model (WCDMA)
Operation system	Windows Mobile6.5	Multi-media	Multimedia message
Processor	TI Sitara™ AM335x 1GHz	Voice Calls	Included
RAM	512MB	SIM Card	SIM Card Socket
ROM	8GB (Up to 32GB), SD expansion to 32GB	POWER SUPPLY	
INTERFACE AND INPUT		Battery Capacity	7.2V, Removable Li-Ion 24.4Wh (BP-5S)
Multi-media	Integrated speakers, microphone, telephone handset, support recording and playback	Working Hours	Up to 10 hours, Up to 12 hours
Soft Key	Digital soft keyboard character input, support handwriting and spelling input	PHYSICAL SPECIFICATIONS	
External Power Supply	External power connector	Size	193×91×42mm (L*W*D)
SD Card Slot	Supports SD up to 32GB	Weight	600g (battery included)
USB Port, Serial Port	Yes	Relative Humidity	5%~95% non-condensing
DISPLAY		Operation Temperature	-30°C~60°C
Model	Blanview TFT, LED Backlighting	Storage Temperature	-30°C~70°C
Resolution	480x680 VGA	Waterproof/ Dustproof	IP67
Size	3.7inch	Drop	Withstands 1.5m free drop onto hard surface
DATA COMMUNICATION		STANDARD ACCESSORIES	
Bluetooth Device	2.1+EDR	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	
WiFi	802.11 b/g/n Wireless LAN		

X11 (Pro)			
HARDWARE		GPS SPECIFICATIONS	
Operation system	Windows Mobile6.5	Channels	72
Processor	TI Sitara™ AM335x 1GHz	Tracked Satellites	GPS/QZSS: L1 C/A code SBAS: L1 C/A code WAAS, EGNOS, MSAS GLONASS: L10F GALILEO: E1 B/C BeiDou:B1
RAM	512MB	Accuracy	Velocity accuracy: 0.05 m/s Position accuracy: 2.5m DGPS: Sub meter
ROM	8GB (Up to 32GB), SD expansion to 32GB	Max navigation Update Rate	4Hz
INTERFACE AND INPUT		Cold Start	29s
Multi-media	Integrated speakers, microphone, telephone handset, support recording and playback	Supported Protocols	Support RTCM 2.3 Differential NMEA 0183 UBX binary, u-blox proprietary
Soft Key	Digital soft keyboard character input, support handwriting and spelling input	PHYSICAL SPECIFICATIONS	
External Power Supply	External power connector	Size	193×91×42mm (L*W*D)
SD Card Slot	Supports SD up to 32GB	Weight	600g (battery included)
USB Port, Serial Port	Yes	Relative Humidity	5%~95% non-condensing
DISPLAY		Operation Temperature	-30°C~60°C
Model	Blanview TFT, LED Backlighting	Storage Temperature	-30°C~70°C
Resolution	480x680 VGA	Waterproof/ Dustproof	IP67
Size	3.7inch	Drop	Withstands 1.5m free drop onto hard surface
DATA COMMUNICATION		STANDARD ACCESSORIES	
Bluetooth Device	2.1+EDR	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	
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		

