



◆ **Highly productive with powerful features**

The KOLIDA X11 comes with Windows Embedded Handheld 6.5, 1 GHz processor and advanced manufacturing process, which can drive any filed software with ease and provide customers 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. KOLIDA 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 KOLIDA X11 are ready for all challenges on site and in the office.

◆ **Advanced GIS application(X11 Pro Only)**

The KOLIDA 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		DATA COMMUNICATION	
Operation system	Windows Mobile6.5	Bluetooth Device	2.1+EDR
Processor	TI Sitara™ AM335 x 1 GHz	WIFI	802.11 b/g/n Wireless LAN
RAM	512MB	POWER SUPPLY	
ROM	8GB (Up to 32GB), SD expansion to 32GB	Battery Capacity	7.2V, Removable Li-Ion 24.4Wh
INTERFACE AND INPUT		Working Hours	Up to 10 hours (S4II H), Up to 12 hours (S4II C)
Multi-media	Integrated speakers, microphone, telephone handset, support recording and playback	PHYSICAL SPECIFICATIONS	
Soft Key	Digital soft keyboard character input, support handwriting and spelling input	Size	193×91×42mm (L*W*D)
External Power Supply	External power connector	Weight	600G (battery included)
SD Card Slot	Supports SD up to 32GB	Relative Humidity	5%~95% non-condensing
USB Port, Serial Port	Yes	Operation Temperature	-30°C~60°C
DISPLAY		Storage Temperature	-30°C~70°C
Model	Blanview TFT, LED Backlighting	Waterproof/ Dustproof	IP67
Resolution	480x680 VGA	Drop	Withstands 1.5m free drop onto hard surface
Size	3.7inch	STANDARD ACCESSORIES	
		Carton package, Adapter, USB cable, Battery, Handstrip, Stylus & string of pen, Screen protector, Charger set, Bracket TF-12	

X11 (Pro Only)			
CAMERA		Accuracy	Velocity accuracy: 0.05 m/s Position accuracy: 2.5m DGPS: Sub meter
Static Model	AutoFocus 5 MP	Max navigation Update Rate	4Hz
Image Format	JPG (2048 x 1536)	Cold Start	29s
Video Mode	Up to VGA resolution	Supported Protocols	Support RTCM 2.3 Differential NMEA 0183 UBX binary, u-blox proprietary
GPS SPECIFICATIONS		DATA COMMUNICATION	
Channels	72	Communication module	Built-in universal quad-band communication module (WCDMA)
Tracked Satellites	GPS/QZSS: L1 C/A code SBAS: L1 C/A code WAAS, EGNOS, MSAS GLONASS: L10F GALILEO: E1 B/C BeiDou:B1	Multi-media	Multimedia message
		Voice Calls	Included
		SIM Card	SIM Card Socket

