

polar

X2

Rugged Handheld GIS Data Collector



Beidou



High accurate positioning



Industrial 3-proofings



Bluetooth



Wireless



Touch screen



HD Camera



Network module

- * New design appearance and very comfortable to hold
- * HD large 5inch touch screen fulfilling the Android users needs
- * Quad-Core 1.5GHz processor
- * Multiple sensors and more extended functions
- * Micro-USB port and OTG function





Specifications		
System	Operation system	Android 5.1
	Processor	Quad-Core 1.5GHz
	Storage	3GB RAM
		32GB ROM
		Up to 128G extensible
GNSS	Channels	72
	GNSS	GPS L1, BD1, GLONASS L1(optional)
	Data output	NEMA-0183
	I/O protocol	RTCM2.3(1, 3, 9), RTCM31 etc.
	Update rate	1Hz
	Reacquisition	<1s
	Cold start	<30s
	Accuracy	
		SBAS:2~5m
		Realtime differential:1~3m
Multimedia	Camera	8.0 megapixel AF, flashlight
	Display	Capacitive screen 5inch 1280×720
	Sensor	Electronic compass, gravity sensor, built-in thermometer, atmospheric pressure altimeter, light sensor and distance sensor (optional)
	Other function	Integrated speakers and microphone
	Extended function (optional)	Scanning head, NFC, backtalk, Fingerprint identification
Communication	3G	WCDMA
	Bluetooth	BT4.0 downward compatible to BT2.1+EDR
	WIFI	IEEE 802.11 b/g/n
	USB	Support USB charging and OTG function
Electrical	Battery	Changeable 3.7V, 4200mAh Li-Ion, 2 batteries (standard)
	Battery life	Single battery>10 hrs
	Battery charging	2 stands charger, 2 hrs fast charging; supports car-charger and charge pal
Environment	Waterproof/Dustproof	IP67
	Shockproof	1.5m
	Temperature	Storage temp:-40°C~80°C
Physical property	Size	156×85×29mm
	Weight	0.32kg (battery included)

Professional GIS Collector

The new generation hand-held GPS polar X series, Android 5.1 OS installed, applied Octa-Core 1.5GHz processor inside. Integrating multiple sensors which is very useful in the field work.



X2 handheld is a durable, compact GIS collector with an integrated high-yield GPS receiver, ideal for asset management and inspection applications. It is the latest addition to the X series family of GPS handhelds from South, providing an affordable platform to arm an entire mobile workforce with a reliable and accurate professional GPS handheld incorporating the Windows Embedded Handheld OS/Android OS. X2 adopts professional GPS module, 72 channels, GPS, BDS and BGLONASS(optional) tracking, ensure faster satellite tracking and more reliable positioning result. Compatible with GIS oriented workflows, X2 is the smart solution you can trust for standardizing inspections and asset management.



It may look like a smartphone, but X2 is all business. Rugged cover meets the need of field work. It has a large screen so you can easily view data or photos even in direct sunlight. You can be confident that your teams have a real, professional tool -- built to work in even the toughest conditions.