polar

X6

Dual-frequency Handheld Receiver

Laser centering

| Beidou | High accurate positioning | Industrial 3 proofings | Bluetooth | Wireless | Touch screen | HD Camera | Network module |

* HD large 5-inch touch screen which fulfill the Android users needs
* Android version supports multiple languages switch
* Octa-Core 1.5GHz processor
* Micro-USB port and OTG function
* Being equipped with laser centering component
* Multiple sensors and more extended functions

Specifications

System	Operation system	Android 5.1/6.0
	Processor	Octa-Core 1.5GHz
	Storage	3GB RAM
		32GB ROM
		Up to 128G extensible
GNSS	Channels	336
	GNSS	GPS (L1,L2) GLONASS(L1,L2) BDS(B1,B2,B3) GALILEO(E1C,E5A,E5B)
	Data output	NEMA-0183
	I/0 protocol	RTCM2.3(1, 3, 9), RTCM31 etc.
	Update rate	1Hz
	Reacquisition	<1s
	Cold start	<30s
	Accuracy	Single point positioning: 2m
		SBAS : 0.50m Horizontal 0.85m Vertical
		DGNSS : 0.25m+1ppm Horizontal 0.50m+1ppm Vertical
		Single base line RTK(<30km) : 0.008m+1ppm Horizontal 0.015m+1ppm Vertical
	Others	Laser centering, external antenna port
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
Communication	network	LTE 4G
	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,7200mAh Li-Ion,2 batteries (standard)
	Battery life	Single battery>10 hrs
	Battery charging	2 stands charger, 4 hrs fast charging; supports car-charger and charge pal
Environment	Waterproof/Dustproof	IP68
	Shockproof	1.5m
	Temperature	Storage temp : -40℃~+80℃
Physical property	Size	231×92×57mm
	Weight	0.56kg (battery included)

Software

GIStar (for Android) Completely new professional Android integrate GIS application, which adopts GIS technology to collect and manage geographic data.
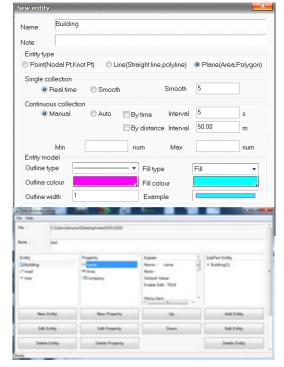
GIStar takes advantage of the Android touch screen capability by allowing you to tap the points and lines in your drawing to open tool bars with all the function you need instantly.

It also supports various data format import and export, such as shp file, dxf file, kml file and gpx file, which fully meets the demands of different of users.

Data Dictionary Editor: A windows software that helps pre-define the GIS entity. With this software, we can describe and manage the properties of each entity. After that we just need to copy the *.GDD file which saved from Data Dictionary Editor into X6 internal storage, and then field work will be efficient and faster with GIStar.

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