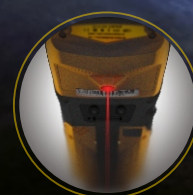


polar

X6

Dual-frequency Handheld Receiver



Laser centering



Beidou



High accurate positioning



Industrial 3-proofings



Double platform



Bluetooth



Wireless



Touch screen



HD Camera



Network module

- * HD large 5inch touch screen which fulfill the Android users needs
- * Double OS options: WEH or Android
- * Android version supports multiple languages switch
- * Quad-Core 1.3GHz processor
- * Micro-USB port and OTG function
- * Being equipped with laser centering component
- * Multiple sensors and more extended functions



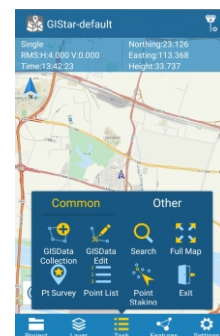
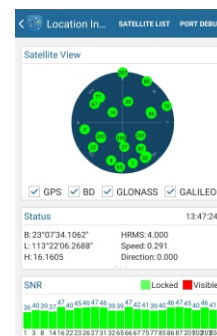


Specifications

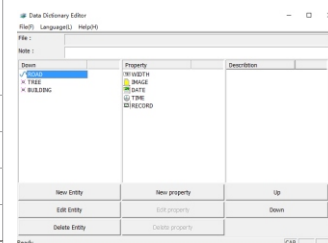
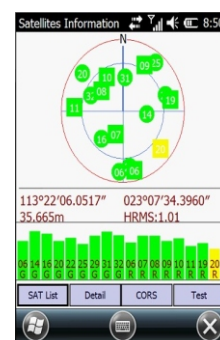
System	Operation system	WEH6.5(WM 6.5 updated version)		Android 5.1
	Processor	1 GHz		Quad-Core 1.3GHz
	Storage	512MB RAM		1GB RAM
		16GB ROM (32GB optional)		
		Up to 32G extensible		
GNSS	Channels	220		
	GNSS	GPS (L1,L2) GLONASS(L1,L2) BDS(B1,B2, B3 optional)		
	Data output	NEMA-0183		
	I/O protocol	RTCM2.3(1, 3, 9), RTCM31 etc.		
	Update rate	1Hz		
	Reacquisition	<1s		
	Cold start	<30s		
	Accuracy	Single point positioning: 2m		
		SBAS < 1m		
		Realtime differential < 0.02m (CEP)		
	Others	Laser centering, external antenna port		
Multimedia	Camera	5.0 megapixel AF, flashlight		8.0 megapixel AF, flashlight
	Display	Resistive screen 4.3inch 480×800		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	BT2.1+EDR		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	IP67		
	Shockproof	1.5m		
	Temperature	Operation temp: -30°C~60°C		Storage temp:-40°C~80°C
Physical property	Size	231×92×57mm		
	Weight	0.56kg (battery included)		

Software

GISStar (for Android) Completely new professional Android integrate GIS application, which adopts GIS technology to collect and manage geographic data. GISStar 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.



GISStar (for Windows Mobile) Most widely used professional and user-friendly onboard software, GISStar, is an ideal solution for GIS data collection, yet very easy to use and convenient for data communication. Equipped with sharply enhanced software GISStar, the device can meet diverse needs of surveyors, contractors, engineers and mapping professionals.



Data dictionary editor (Windows Mobile and Android) Besides data acquisition or stake-out in traditional survey, this smart unit allows the users to add or edit entity and property in the Data Dictionary option, which enables it a real GIS handheld with full capacities.