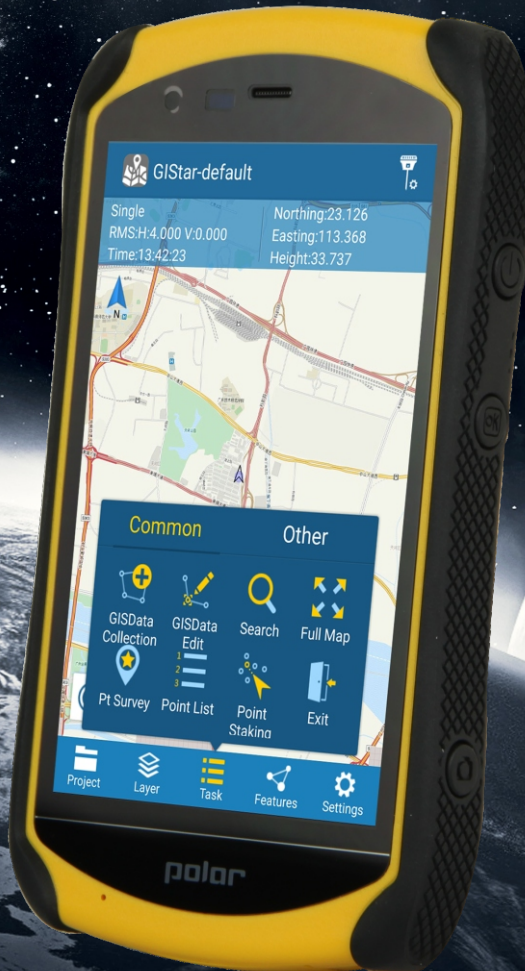


**polar**

X2

*Rugged Handheld GIS Data Collector*



Beidou



High accurate  
positioning



Industrial  
3-proofings



Double  
platform



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
- \* Double OS options: WEH or Android
- \* Quad-Core 1.3GHz processor
- \* Multiple sensors and more extended functions
- \* Micro-USB port and OTG function





## 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                     | 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                     | Single point positioning:5m                                                                                                           |                                        |                  |
|                            |                              | SBAS:2~5m                                                                                                                             |                                        |                  |
| Realtime differential:1~3m |                              |                                                                                                                                       |                                        |                  |
| 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, 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                  | Operation temp: -30℃~60℃                                                                                                              | Storage temp:-40℃~80℃                  |                  |
| Physical property          | Size                         | 156×85×29mm                                                                                                                           |                                        |                  |
|                            | Weight                       | 0.32kg (battery included)                                                                                                             |                                        |                  |

## Professional GIS Collector

The new generation hand-held GPS polar X series, totally different design which fulfill the different OS needs. Two operation system--Windows mobile and Android options, makes the users have different choices. 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 KOLIDA, 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 filed 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 tough conditions.