

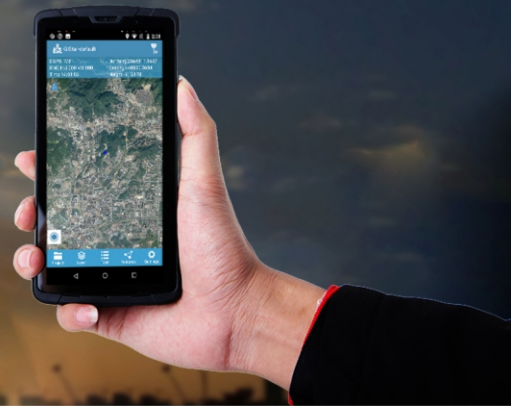
**polar**

**X1**



- \* Leading The Industry By Light and Thin Design
- \* Stable and Perfect Performance
- \* GPS, Glonass, BDS and SBAS Support
- \* 4G Network Module
- \* Professional Software For Different Applications
- \* Support SDK and Secondary Development





## Features

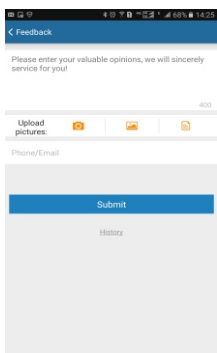
### Intellective

- Update Automatically
- Remote Register
- Online Map
- Data Format User-defined
- Support Industry Custom



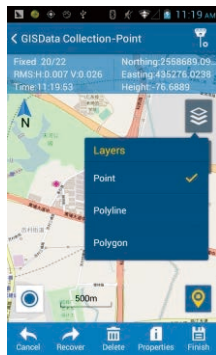
### Output Format

- Excel
- DXF
- ArcGIS
- MapGIS
- User-defined



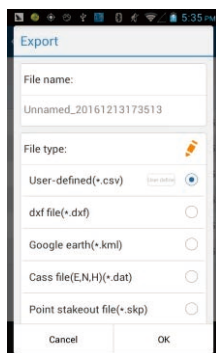
### Data Collection Function

- Point\Line\Surface Data Collected
- Multiple Topographic Marking
- Support Survey with TS
- Support Data Change to Twodimension Code



### Cloud Platform

- Log On Cloud Platform
- Data Back-up
- Data Sharing
- Trajectory Upload In Real Time



	X1
OS	Android 8.1
Processor	8 cores, 2.0GHz
RAM	4GB (6GB optional)
ROM	64GB
Camera	5.0 Megapixel AF front camera, 13.0(16.0 optional) Megapixel AF rear camera, LED flashlight
Display	6.0-inch, PS HP screen
Resolution	2160*1080, HD+, 18:9
Touch Screen	5-Point Capacitance Touch Screen
Size	160mm*80mm*15.8mm
Weight (Battery included)	300g
Battery Operating Time	>8 Hrs / 6000mAh
Charge	PE fast charging, full charge<4 hours
Bluetooth	BT4.1 BLE
Wi-Fi	1 EEE 802.11 a/b/g/n 2.4G 5G
GSM	FDD-LTE B1/B3/B5/B7 TDD-LTE B38/B39//B40/B41 TD-SCDMA B34/B39 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8 CDMA1x/CDMA2000 Bc0
GPS	72 Channels,GPS L1 BD B1 GLONASS L1
Accuracy	Autonomous: 5m, SBAS: 2-5m, DGPS: 1-3m (Optional)
Audio	Pre-stereo speaker, Volume 90db ± 3db (Distance:10cm)
Expanding SD card	Up to 128GB
External interface	USB-Type C which supports fast charging and OTG; Bottom charging port
Keyboard	2 volume keys 2 function keys 1 power key
Notification	Sound, Vibrate, LED prompt
Work Temperature	-30℃ ~+60℃
Storage Temperature	-30℃~+80℃
Humidity	5%-95%
Waterproof/Dustproof	IP68
Shockproof	Withstand the impact of falling to cement floor at a height of 1.5m
Shock and Vibration	MIL-STD-810G
Sensor	Compass, Geomagnetism, Acceleration, Photosensitive Distance, Air Pressure (Optional), Gyroscope (Optional)
ESD protection	±16kV Air Discharge, ±8kV Socketed Discharge
RFID (High Frequency)	Protocol: ISO14443A/B, ISO15693, NFC: 0cm-5cm
Bar Code Scanner (Optional)	Support SD5670/N6603 QR code scanning