



Product Specification		
Appearance	 	
Physical Parameter		Remark
Size	142 x 66 x 28mm	
Weight	228g	
Display	2.8-inch 240*320 QVGA Brightness: 320nits	
Ports	Type-C USB2.0 Functions: 1. UART 2. Charging 3. USB 2.0—OTG	
	MICRO-SD Card Slot: Supports maximum capacity of 256 GB (SDHC)	
Buttons	10 (Up, Down, Left, Right, Confirm, Back, Coordinate Library/Search, Save Point, Power, Custom Function) Back Button: Cancel current operation or return to the previous level Coordinate Library/Search: Enter the coordinate library Save Point: Conduct point collection work	
Hardware		Remark
CPU	UIS 8541E 4 Core 1.4GHz	
OS	Android10.0	
RAM	2 GB LPDDR3	
ROM	16 GB eMMC	
Sensors	Electronic Compass	
	Gsensor	
	Standard Barometer	
Buzzer	Supported	
Flashlight	Illumination Flashlight	
Battery	Capacity: 3.8V 4000mAh	
	Operating Time: Normal use time is not less than 16 hours	
	Charging Time: Less than 6 hours, 3 hours to charge $\geq 80\%$; 5V 2A	
	Standby Time: Not less than 240 hours	
	Continuous Navigation Time: Screen off not less than 16 hours screen on not less than 8 hours	
Communication		Remark
GNSS	GNSS: BDS/GPS/GLONASS/GALILEO	
	Supported Data Formats: NMEA 0183 V4.0/4.1: GGA, GSA, GSV, RMC, ZDA, TXT-ANT	
	Positioning Accuracy: Better than single point positioning 5 meters, SBAS positioning 1-3 meters	
Communication	Bluetooth 4.0	
	wifi2.4: 802.11b,g,n	
Reliability		Remark
Operating Temperature	[-20°C~+60°C]	
Storage Temperature	[-30°C~+70°C]	
Humidity	0-95% relative humidity, no condensation	
Electrostatic Discharge	Contact 8KV, Air 12KV	
Protection Level	IP68	
Drop Resistance	1.8 meters drop onto marble	
Packing List		
Host Device	x1 Screen Protector	
Quick Guide	Quick Start Guide x1	
Battery	x1 (Removable battery)	
Adapter	Power Adapter x1	
Adapter Plug	x1	
Data Cable	Type-A to Type-C Data Cable x1	
Strap	Wrist Strap x1	
Testing & Certification		Remark
Whole Unit Certification	CE	
Battery Certification	UN38.3	
	MSDS	
	CE	
Package	Air transport certificate	