












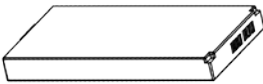
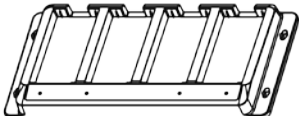
-  Android 5.1 system on Quad-core 64bits CPU
-  Up to 2cm accuracy L1 GNSS RTK
-  Works as Rover or Base Station
-  Supports WiFi / BT / 4G LTE multiple data networks
-  Supports majority of GIS & Land Survey app
-  IP65, 1.2m drop, rugged design for field work

D302-RTK cm Level Handheld RTK Receiver

D302-RTK is a high accuracy positioning handheld device with rugged design, based on Android OS.

It integrates with optimized centimeter level RTK positioning engine. With external survey grade GNSS antenna or optional helix GNSS antenna, D302-RTK provides up to 2cm positioning accuracy. This RTK handheld device supports WiFi/BT/LTE networks. It is powered by 3200mAh swappable battery, which enables various land survey applications without the constant worry of battery life.

D302-RTK is a perfect product for land survey, GIS data collection and other field works requiring high accuracy positioning feature.

D302-RTK			
System	Operating System	Android 5.1	
	CPU	Quad-core 64 bits 1.3GHz	
	RAM	2GB	
	Storage	16GB	
GNSS Specifications	Supported constellations and frequencies	GPS L1, GLONASS L1, Beidou B1, Galileo E1, SBAS, QZSS	
	GNSS Mode	GPS + GLONASS + Galileo	
		GPS + BDS + Galileo	
	Time to First Fix (TFF)	Cold Start <30 seconds	
		Hot Start: 1 second	
		Signal Re-acquisition <1 seconds	
	RTK initialization time	<1 minute	
	Single Baseline RTK (<5km)	0.02m + 1ppm CEP horizontal	
		0.04m + 1ppm CEP vertical	
Output rate	1Hz		
<i>(*These specifications may be affected by atmospheric conditions, signal multipath, and satellite geometry.)</i>			
Display	5 inch 1280x720 screen, sunlight readable		
Touch	Capacitive Multi-Touch		
Bluetooth	4.0LE		
WiFi	IEEE 802.11 a/b/g/n, 2.4GHz + 5GHz		
Cellular Network	GSM: B2, B3, B8 WCDMA: B1, B8 TDD_LTE: B38, B39, B40 FDD_LTE: B1, B3		
Camera	13M pixels, Auto focus, LED flash		
Battery	3.7v 3200mAh 11.84mWh Li-Polymer Battery		
Interface	1x MicroUSB port for data and power charging		
	1x MicroSD socket (32GB)		
	1x SMA socket for GNSS antenna		
Environment	IP Rate	IP65, 1.2m drop	
	Temperature	Operating: -20 ~ +60°C	
		Storage: -30 ~ +70°C	
Humidity	5% ~ 95% non-condensing		
Weight&Size	160mm x 836mm x 23mm, 295g		
Standard Package	D302-RTK device (include battery)		
	RF cable (1.5 meter)		
	Waist strap and Working case		
	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Survey-grade GNSS antenna</p> </div> <div style="text-align: center;">  <p>Power Adapter(5V,2A) and USB Cable</p> </div> </div>		
Optional Accessories	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Helix GNSS Antenna</p> </div> <div style="text-align: center;">  <p>Extra Back up Battery (3200mAh 11.84Wh)</p> </div> <div style="text-align: center;">  <p>Extra Battery Charger</p> </div> </div>		
	Part Number	PJ3-302-010	