Technical Specifications of the Leveling Instrument Vehicle Machine

Technical Specifications of Intelligent Satellite Land Leveler Vehicle Machine

10-inch in-vehicle computer	
Technical Specifications of In-Vehicle Computer	
External Dimensions	280*180*50(mm)
System	Android 9
SOC	Qualcomm Octa-core Processor (8953)
Protection Class	IP65
satellite antenna	Support, 1-2 channels
Data transmission interface	Support, 1 channel
Protection Class	IP65
WiFi	IEEE802.11b/g/n
4G	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41
Bluetooth	SPP,BLE
Camera	Support, 1-4 channels
Sim card	Support
Speaker	Support
display screen	10.1 inches, 1024*600
Memory	2GB+16GB





RTK Technical Specifications	
Positioning System	Full system, full frequency point, single antenna, dual antenna
satellite frequency point	BDS：B1I/B2I/B3I/BI1C/B2a/B2b*

	GPS：L1 C/A/L2P(Y)/L2C/L5 Galileo：E1/E5a/E5b GLONASS：L1/L2 QZSS: L1/L2/L5
RTK accuracy	Plane: 0.8cm + 1ppm Elevation: 1.5cm + 1ppm
Time Accuracy	10ns
Orientation accuracy	0.2 degrees/1m base line
Speed accuracy	0.03m/s
RTK initialization time	< 5 s (typical value)
Operating Temperature	-40°C ~ 85°C
Operating Voltage	9 ~16VDC
Operating Current	2.5A Max