

The PCR100 Data Controller is a rugged multifunctional data controller with design of 5-inch sunlight readable HD touch screen and an alphanumeric keypad. Equipped with powerful Octa-core processor and android operating system. With professional IP68 rating, it is robust and reliable, suitable for various outdoor harsh environment. The large capacity lithium battery guarantees more than 14 hours of field working, which makes it excels at performing multiple surveying tasks throughout the day.



## Characteristic

### Easy to Carry

The PCR100 Data Controller weights only 370g with battery, users can take it anywhere they want.

### Powerful System

Equipped with an Android 8.1 operating system, an Octa-core 2.0GHz processor, 4GB of RAM with 64GB of storage. Configure 5MP front camera and 13MP rear camera.

### Display Excellence

The device boasts a 5-inch display, with a resolution of 720\*1280, offering a seamless touch experience with support for up to 5-point capacitive touch. What's more, it enables effortless operation even with gloved or wet hands.

### Smooth Operation

The device features an ergonomic design that provides a comfortable grip and an exceptional user experience during operation.

### Various Data Communication Methods

The PCR100 Data Controller supports multiple communication methods such as Wi-Fi, Bluetooth, NFC and 4G, which satisfies the needs of users in most regions of the world.

### Long endurance

Built-in detachable battery ensures continuous working time of more than 14 hours under normal operation.

### Robust Device Protection

The device is designed to withstand harsh environments and is tested to meet IP68 waterproof and dustproof standards. It is also built to withstand drops from a height of 1.5 meters, ensuring durability and reliability in challenging conditions.



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ITEM		SPECIFICATION
<b>SYSTEM</b>	Operating system	Android 8.1
	CPU	8-core 2.0GHz processor
	Memory	4GB RAM + 64GB ROM
	External storage	Micro SD, up to 128GB
<b>PHYSICAL PARAMETERS</b>	Display	Screen: 5-inch sunlight-readable capacitive touch screen Resolution: 720x1280p
	Touch Panel	5-point capacitive touch
	Camera	5MP front, 13MP rear, Support Flash light
	Sensors	G-Sensor, Compass, Light-Sensor, Gyro
	Interface	USB Type-C (supports OTG) Dual SIM Dual Standby: 2 Micro SIM slots
<b>DATA COMMUNICATION</b>	GNSS	GPS+GLONASS+BDS
	WIFI	IEEE 802.11a/b/g/n Dual-baud: 2.4G&5G
	Network	FDD-LTE B1/B3/B5/B7/B8 TDD-LTE B38/B39/B40/B41 TDSCDMA B34/B39 WCDMA B1/B2/B5/B8 CDMA1x/ CDMA2000 BC0/BC1 GSM B2/B3/B5/B8
	Bluetooth	BT4.1 (BLE)
	NFC	Protocol of ISO14443A/B, ISO15693 Readable distance 0~5cm
<b>ELECTRICAL</b>	Battery (fast charge)	7000mAh 3.8V Working time: 14 hours Charging time: 4 hours
<b>PHYSICAL</b>	Dimension	205mm*85mm*15mm
	Weight	370g (include battery)
<b>ENVIRONMENTAL</b>	Temperature	Operating Temperature: -20°C~+55°C Storage Temperature: -30°C~+70°C
	Work Humidity	5%~95%
	Protection	IP68
	Shock	1.5M drop onto concrete

▲ Manufacturers may update parameters at any time, please refer to the latest product information.



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