

The PCR100U Controller is a rugged multifunctional data controller with design of 5.5-inch sunlight readable HD touch screen and an alphanumeric keypad. Equipped with powerful Octa-core processor and android operating system. With professional IP67 rating, it is robust and reliable, suitable for various outdoor harsh environment. The large capacity lithium battery guarantees more than 15 hours of field working, which makes it excels at performing multiple surveying tasks throughout the day.



## Characteristic

### Easy to Carry

The PCR100U Data Controller weights only 370g with battery, users can take it anywhere they want.

### Powerful System

Equipped with an Android 11 operating system, an 8-core 2.0GHz processor, 3GB of RAM with 32GB of storage. Configure 13MP rear camera.

### Display Excellence

The device boasts a 5.5-inch display, with a resolution of 720\*1440. It 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 PCR100U 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 high-capacity lithium battery ensures continuous working time of more than 15 hours under normal operation.

### Robust Device Protection

The device is designed to withstand harsh environments and is tested to meet IP67 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
SYSTEM	OS	Android 11
	CPU	8-core 2.0GHz processor
	Memory	3GB RAM + 32GB ROM
	External storage	Micro SD, up to 256GB
PHYSICAL PARAMETERS	Display	Screen size : 5.5 inch , Resolution: 720*1440p
	Touch Panel	5-point capacitive touch
	Button	Digital Keypad
	Camera	Rear 13MP, Support Flash light, Support Auto focus
	Sensors	Magnetometer, Accelerometer and Ambient Light Sensor
	Notification	Audio, Vibration, and LED Indicators
	Audio	Speaker with a volume of 95dB±3, equipped with 1 microphone.
	Interface	Type-C (Supports OTG) SIM: Equipped with ESIM (SIM1) and one Nano SIM card slot (SIM2) as standard
DATA COMMUNICATION	GNSS	GPS+BDS+GLONASS
	WIFI	IEEE 802.11 a/b/g/n/ac Dual-band: 2.4G/5G
	Network	FDD -LTE B1/B3/B5/B7/B8 TDD -LTE B38/B39/B40/B41 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8 CDMA/EVDO BC0/BC1
	Bluetooth	BT5.0 (BLE)
	NFC	Supported NFC Protocols: ISO14443A/B, ISO15693 Data Reading Distance: 0-5cm
ELECTRICAL	Battery (non-removable)	7700mAh (Support Rapid Charging) Working time: 15 hours Charging time: ≤ 4 hours
PHYSICAL	Dimension	221mm*77.7mm*16mm
	Weight	370g
ENVIRONMENTAL	Temperature	Work Temperature: 20℃~55℃ Storage Temperature: -30℃~70℃
	Work Humidity	5%~95%
	Protection	IP67
	Shock	Withstand 1.5M pole drop
	ESD	Air discharge: ±15kV    Contact discharge: ±8kV

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



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