



Data Controller **PCR100T**

Flagship RTK Measurement
Control Terminal

PCR100T Data Controller

The PCR100T is a flagship RTK measurement control terminal designed specifically for the surveying industry. It boasts an impressive battery life of over 18 hours, a 5.45-inches sunlight-readable screen for easy outdoor viewing, and operates on the Android 11 system for smooth performance. It features a digital keyboard and offers IP68-level protection against the elements. With professional surveying software, it empowers users to effortlessly tackle various surveying scenarios.

SPECIFICATION

SYSTEM

OS	Android 11
CPU	8-core 2.0GHz processor
Memory	4GB RAM + 64GB ROM
External storage	Micro SD, up to 512GB

PHYSICAL PARAMETERS

Display	Screen size : 5.45 inch Resolution: 720*1440p
Touch Panel	5-point capacitive touch
Button	Standard English full keypad
Camera	Rear 13MP, Support Flash light
Sensors	Ambient Light Sensor and Accelerometer
Notification	Audio, Vibration, and LED Indicators
Interface	Option1: 1*Nano Sim+1*Micro SD Option2: 2*Nano Sim

DATA COMMUNICATION

GNSS	GPS+BDS+GNSS+GLONASS+AGPS
WIFI	IEEE 802.11 a/b/g/n/ac Dual-band: 2.4G/5G

Network	FDD -LTE: B1/B2/B3/B4/B5/B7/B8 /B12/B17/B20/B28/ TDD -LTE: B34/B38/B39/B40/B41 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8 TD-SCDMA: B34/39
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Bluetooth	BT5.0 (BLE)
NFC	Supported

ELECTRICAL

Battery (non-removable)	9000mAh (Support Rapid Charging) Working time: 18h Charging time: ≤ 5 hours
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PHYSICAL

Dimension	221mm*78mm*16.5mm
Weight	410.6g

ENVIRONMENTAL

Temperature	Work Temperature: -20°C~+55°C Storage Temperature: -40°C~+70°C
Humidity	5%-95%
Protection	IP68
Shock	Withstand 1.2M pole drop
ESD	Air discharge: ±15kV Contact discharge: ±8kV

