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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 12 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 12
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 Gyroscope and Compass
Notification	Audio, Vibration, and LED Indicators
Interface	USB Type-C Option1: 1*Nano Sim+1*Micro SD Option2: 2*Nano Sim
Audio I/O	Speaker, Microphone

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

SOFTWARE

tSurvey2.0	Supports exporting CSV, DXF, Shapefile, TXT, and other file formats.
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Manufacturers may update parameters at any time, please refer to the latest product information.



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