



Data Controller **PCR300**

Full Keyboard RTK Measurement
Control Terminal

PCR300 Data Controller

With IP67 certification, PCR300 Data Controller is designed for anyone who works in harsh environments. With its ergonomic design, the PCR300 offers easy one-handed use and provides extended flexibility during fieldwork. Featuring an MTK Octa-core 2.0G processor, it provides a user smooth experience. The PCR300 is suitable for different kinds of outdoor applications such as surveys and GIS.

SPECIFICATION

SYSTEM	
OS	Android 9.0
CPU	MT6762-8-core 2.0 GHz
Memory	3GB RAM + 32GB ROM
External storage	Micro SD, up to 128GB
PHYSICAL PARAMETERS	
Display	Screen size: 5-inch Resolution: 720x1280px Density: 320ppi Brightness :400nits
Touch Panel	10-point capacitive touch
Camera	Rear 13MP, Support Flash light, Support Auto focus
Sensors	G-Sensor, Accelerometer, Light-Sensor, Gyro
Buttons	Battery* 1 Arrow* 4 Return* 1 Confirm* 1 APP quick button* 1 Backspace* 1 FN* 1 Caps lock* 1 Dot* 1 Space key* 1 0-9* 10 A-Z* 26
DATA COMMUNICATION	
Network	GSM: B2/B3/B5/B8 FDD-LTE: B1/B2/B3/B4/B5/B7/B8/ B12/B13/B17/B20/B25/B28 TDD-LTE B38/B39/B40/B41 TDSCDMA B34/B39 WCDMA B1/B2/B5/B8 CDMA1x/CDMA2000 BC0

GNSS	Tracking: GPS/BDS/GLONASS Accuracy: Single: 1-3m
WIFI	802.11 a/b/g/n/ac Dual-band: 2.4G & 5G
Bluetooth	BT4.1 (BLE)
Interface	Nano SIM x 2, USB2.0 Type-C*1, Support OTG and headphone

ELECTRICAL	
Battery (non-removable)	5200mAh 3.8 V Working time: 12 hours Charging time: ≤ 4 hours

PHYSICAL	
Dimension	225mmx78mmx14.5mm
Weight	350g

ENVIRONMENTAL	
Temperature	Work Temperature: -20°C~+55°C Storage Temperature: -40°C~+70°C
Protection	IP67
Work Humidity	5% -95% RH, non-condensing
Shock	Survive a 1.5m drop on concrete floor
ESD	Air discharge: ±12kV Contact discharge: ±8kV

ENVIRONMENTAL	
Regulatory Compliance	CCC

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



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