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TOKNAV



Data Controller **PCR600** Smart RTK Data Collector

PCR600 Data Controller

PCR600 is a full-keyboard surveying data collector specifically designed for the surveying industry. Equipped with a 9500mAh high-capacity battery, it achieves 25 hours of continuous operation. Featuring a 5.5-inch 500nit high-definition sunlight-readable display, it can withstand 1.5-meter drop without damage and has an IP68 waterproof rating, making it suitable for all-weather outdoor use. Powered by an 8-core 2.0GHz industrial-grade processor and DDR4 high-speed memory, installed with Android 14 system, it can run various surveying software smoothly, helping users cope with various surveying scenarios.

SPECIFICATION

SYSTEM

OS	Android 14 GMS
CPU	Media Tek G85 8-core 2.0GHz
Memory	4GB RAM + 64GB ROM
External storage	Micro SDHC, up to 256GB

PHYSICAL PARAMETERS

Display	Screen size : 5.5 inch 16:9 Resolution: 1080*1920p Maximum brightness: 500nit
Touch Panel	IPS FHD LCD multi-touch capacitive screen (Supports glove and stylus modes)
Button	Full numeric + English alphabet keyboard and one side custom key
Camera	13.1MP AF camera, Supports high-speed autofocus and AR measurement
Flash light	Supported
Sensors	Gravity sensor, light sensor, gyroscope, electronic compass
Loudspeaker	2W 120dB
Slot	Dual Nano SIM standby or single SIM card/TF card combination

DATA COMMUNICATION

GNSS	GPS+BDS+GLONASS+GALILEO +SBAS+IRNSS+QZSS
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WIFI	IEEE 802.11 a/b/g/n/ac Dual-band: 2.4G/5G
Network	GSM: 850/900/1800/1900 WCDMA: B1/B2/B4/B5/B8 TDD-LTE: B34/B38/B39/B40/B41 FDD-LTE: B1/B2/B3/B4/B5/B7/B8/ B12/B13/B17/B20/ B25/B26/B28/B66

Bluetooth	BT5.0 (BLE)
NFC	Supported
USB	Type-C, OTG Supported

ELECTRICAL

Battery (non-removable)	9500mAh (Support Rapid Charging) Working time: 25h Charging time: ≤ 3 hours
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PHYSICAL

Dimension	226.3mm*90.6mm*16.9mm
Weight	412g

ENVIRONMENTAL

Temperature	Work Temperature: -20°C~+65°C Storage Temperature: -30°C~+70°C
Humidity	5%~95%
Protection	IP68
Shock	Withstand 1.5M pole drop

