PENTAX

P300 Controller

The P300 Controller is a rugged multifunctional data controller with design of 5 inch sunlight readable HD touch screen and an alphanumerical keypad.
Equipped with powerful Octa -core processor and android operating system
With professional IP68 rating, it is robust and reliable for outdoor harsh environment.
The large capacity lithium battery guarantees more than 10 hours of field working for a whole day of multiple surveying tasks.

Key Features

5 inch sunlight readable HD touch screen
Octa -core 2.0GHz CPU
Android 8.1 operating system
4GB RAM + 64GB ROM
5MP front camera and 12MP rear camera
IP68 certified grade, water/shock/dust proof
7000mAh battery
Wi-Fi, Bluetooth, NFC, 4G
USB Type -C

TI Asahi Co., Ltd.

P300 Controller Data Sheet

System Electrical	
Operating system	Android 8.1
CPU	MT6763 Octa -core 2.0GHz
Memory	4GB RAM + 64GB ROM
External storage	Micro SD , up to 128GB
Display	5" sunlight -readable capacitive touch screen
Resolution	720x1280
Camera	5MP front , 13MP rear
Flash light	High light
Communication	
Wi-Fi	IEEE 802.11a/b/g/n 2.4G&5G
Cellular mode	Dual SIM Dual Standby
SIM slot	2 Micro SIM slots
SIM	SIM1 & SIM2 FDD -LTE B1/B3/B5/B7/B8 TD -LTE B38/B39/B40/B41 TDSCDMA B34/B39 WCDMA B1/B2/B5/B8 CDMA1x/CDMA2000 BC0/BC1 GSM B2/B3/B5/B8
Bluetooth	BT4.1 (BLE)
USB	USB Type -C (supports OTG)
NFC	Protocol of ISO14443A/B, ISO15693
Readable distance	Readable distance 0~5cm
GNSS	GPS/GLONASS/BeiDou
Sensors	G -Sensor, Compass, Light -Sensor, Gyro
Electrical	
Battery	7000mAh 3.8V
Battery life	14 hours
Charging time	<4 hours (fast charge)
Physical	
Dimension	207mmx84mmx20mm
Weight	370g (include battery)
Environmental	
Operating Temperature	-20℃~ +55℃
Storage Temperature	-30℃ ~ +70℃
Humidity	5% ~ 95%
Dustproof & Waterproof	IP68
Shock resistnce	1.5m drop onto concrete

Designs and specifications are subject to change without notice.
Configuration is subject to changes per country, please contact your local dealer.