

Technical Doc. :	ST_PTV-520_R012.docx
Equipment:	PTV-520
Revision :	3.0



Model: PTV-520 - 5" Rugged PDA Handheld support 2D scanner and Built-in RFID

1. MTK6761 Octa Core
2. 5.5" high resolution Multi-Touch Screen; Resolution: IPS 1420*720
3. RAM/ROM 4GB/64GB
4. 4G LTE/WIFI/GPS/BT/NFC
5. Build-in Hot-swap battery 500 mAh to ensure continuous operation
5. 2D Barcode scanner
6. Docking Station
7. Android 10

Basic parameters

Type	IoT Handeld Terminal
CPU	MTK6761 Octa Core
Graphic Processor	PowerVR GE8300
Memory	4GB RAM + 64GB EMMC ROM
OS	Android 10.0
Color	Black
Display	5.5" high-resolution Multi-touch screen; Resolution: IPS 1420*720
Input Method	Handwriting 、 Stroke、 Pinyin input method
Communication	GSM / WCDMA / FDD / TDS / TDD; GSM Quad Band, TDS B34/39 (2010-2025/1880-1920) , WCDMA B1/2/5/8, TDD B38/39/40 (2570-2620/1880-1920/2300-2400) , FDD B1/3/7/8/20
GPS	Built-in GPS, Glonass
USB Port	Type-C
Memory Interface	Micro SD card

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Bluetooth	Bluetooth 4.2
Speaker	Single Speaker, 8±15% ohm
WLAN	Support 2.4G+5G, Support 802.11a/b/g/n/ac mode WPA/WPA2-PSK/WAPI PSK/802.1*EAP Encryption protocol
Camera	8.0 Mega Pixel rear camera
Battery	Li-Polymer 3900mAh stand by One week, working time 20 hours (full function)
Dimension	165mmx78mmx23mm
Weight	305 g
Dropping proof	1.2 meter
Certificate/Protection	CE/FCC, IP55
IoT Functions (RFID, Barcode by Optional)	
2D Barcode	- Datalogic TL10 2D scanner - Honeywell N5703 2D scanner - Zebra SE5500-12M 2D scanner NFC. Support 14443A Topza, 14443A MIFARE UL, JIS 6319-4 Sony Felica, 14443A/B NXP, DES Fire etc
IoT RFID	LF 134.2 Khz FDX-B, HDX according to ISO/IEC11784/5 LF 125 Khz FDX-B, HDX according to ISO/IEC11784/5 UHF QM100 reader distance 0-2 m
Accessory	
Standard	Power Adaptor, Type-C Cable
Optional	Pistol Grip, Charging Cradle, Holster