

<b>Technical Doc. :</b>	<b>ST_PTV-520_R012.docx</b>
Equipment:	PTV-520
Revision :	3.0



**Model: PTV-520 - 5.5" Rugged PDA Handheld**

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
Bluetooth	Bluetooth 4.2

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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
<b>IoT Functions (RFID, Barcode by Optional)</b>	
2D Barcode	- Datalogic TL10 2D scanner - Honeywell N5703 2D scanner - Zebra SE5500-12M 2D scanner
IoT RFID	NFC. Support 14443A Topza, 14443A MIFARE UL, JIS 6319-4 Sony Felica, 14443A/B NXP, DES Fire etc 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
<b>Accessory</b>	
Standard	Power Adaptor, Type-C Cable
Optional	Pistol Grip, Charging Cradle, Holster