

# PD450B

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## Intelligent Handheld Device



### Features

- 4G LTE WorldMode
- 4.5" TFT LCD with human factors engineering
- Ready-to-go modules and accessories with compatibility
- Powered by MediaTek with technical support
- Code 2D barcode embedded for medical, retail, and DPM applications



### System

CPU	MT6735 ARM Cortex-A53 1.3GHz
OS	Android 7.0
RAM	2GB LP DDR3
Storage	16GB eMMC

### LCD Display

Display - Front	4.5" TFT LCD
Resolution	960(H) x 540(W)
Brightness (cd/m2)	400 cd/m <sup>2</sup>
Touch Screen	5 points capacitive touch (PCT)

### Peripherals and Devices

Camera	Front : 2MFF
	Rear: 13M(AF) , Flash support
	Magnetometer(M-Sensor/E-Compass)
Sensor	Accelerometer(G-sensor)
	Gyroscope
	Proximity sensor
Barcode Scanner	Ambient light sensor
	Code 2D barcode engine (CR8222)
	1D/2D barcode reader, either with physical trigger button
Audio & Vibrator	Speaker(1.5W), Microphone(De-noising)
	3.5mm stereo headphone / microphone combo jack Vibrator

### Wireless

WLAN	IEEE802.11 a/b/g/n
Bluetooth	Bluetooth 4.1(BLE, HS compliant)
	2G GSM/GPRS/EDGE (Band 850/900/1800/1900; 30dBm)
	3G WCDMA (Band 1,2,5,8)
WWAN	3G CDMA2000 (BC0)
	4G FDD+TDD(Band 1,3,5,7,8,20,38,39,40,41)
	4G DRX(Band 1,3,5,7,8,20,38,39,40,41)
GPS	A-GPS/GPS/Beidou Accuracy1~3m
NFC	MT6605EN

### I/O Interface

USB	1 x micro USB 2.0 port High Speed / OTG Compatible(need plug)
SD Slot	1 x microSD card slot(support up to 32G)
SIM card	1 x micro-SIM(3FF) socket supporting 2G/3G/LTE
	1 x micro-SIM(3FF) socket supporting 2G/ only

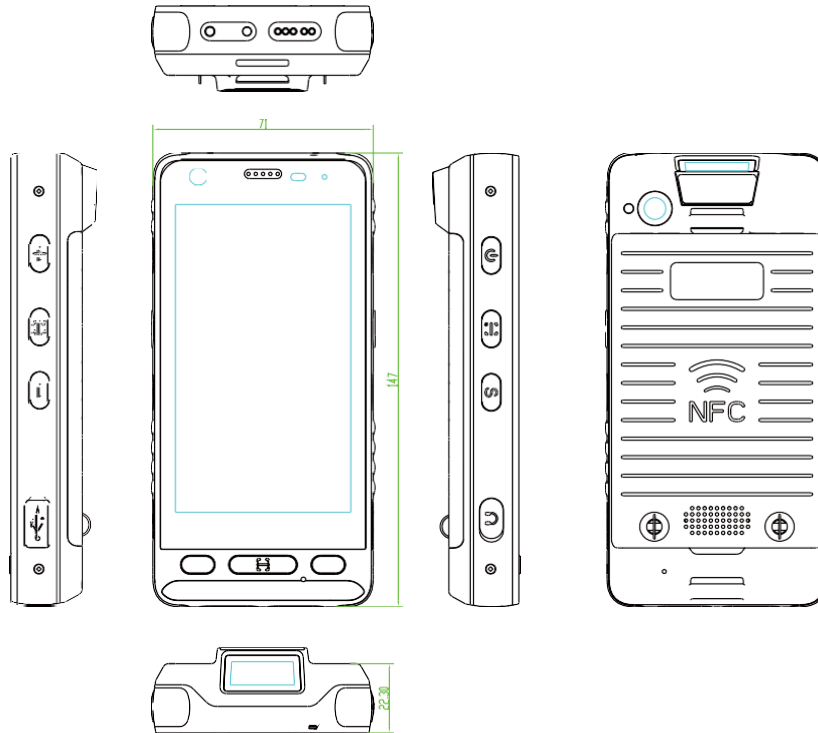
### Power Supply

Battery Capacity	4000mAh
Adaptor input	ACX 100~240V 50~60Hz
Adaptor Output	5V/2A (10W)
Quick Charge	Fully charged in 2hrs

### Mechanical & Environmental

Sealing level rate	IP65
Drop Specification	1.2m
Operating Temperature	-10°C ~ 50°C
Storage Temperature	-20°C ~ 60°C
Operating Humidity	5% ~ 95% RH
Dimension	142 x 71 x 22.05 (mm)
Gross Weight	285g (with battery)

## Dimensions



## Ordering Information

Part No.	Description
7404500003000M	4.5" display, 960x5400 QHD resolution, Quad-core 1.3 GHz CPU, Android 7.0, WiFi IEEE 802.11 a/b/g/n, BT4.1 BLE, NFC, WWAN 2G/3G/4G LTE, GPS, 1 x micro USB 2.0 port High Speed / OTG Compatible, 1 x microSD card slot, Dual SIM, RoHS, 2 + 13 Mega-pixel camera, IP6x, Up to 1.2m drop resistance.

## Packing Information

Part No.	Item	Description	Q'ty
5690004500050P	PD450 Battery	4000mAh, 66.5x54x11mm	1
3432122000840M	PD450 USB am to micro USB bm cable	1.2 m	1
n/a	Manual	Quick Start Guide	1



Battery



Micro USB  
cable



User Manual

## Optional Accessories

Part No.	Item	Description
5490155050010M	Device Power Adapter	5V/2A
TBD	UHF Pistol Grip	920M UHF reader
5490120000030M	Adapter for UHF reader	Input : 100~240v , 50/60 Hz 0.8A Max Output : 5V/2A
4130003260100M	Hand Strap	269(L)*11(W)mm



Device Power  
Adapter



UHF Pistol Grip



Adapter for  
UHF reader