

PM544KE - 5" Quad Core ProMercial Terminal

■ Full network transboundary Professional Commercial data terminal in fashionable style design

- Full networks supported : LTE(FDD/TDD), WCDMA/HSPA+, TD-SCDMA CDMA/EVDO, GSM/GPRS/EDGE
- Data collected by Barcode scanning, and NFC reader/writer
- A fashion handset & a powerful working terminal in commercial ions

■ Quad-core Cortax-A53 @1.3GHz, in Android 7.1

- Powerful full functional platform support full networks and various rich

■ 5 inch 720P IPS, high definition screen

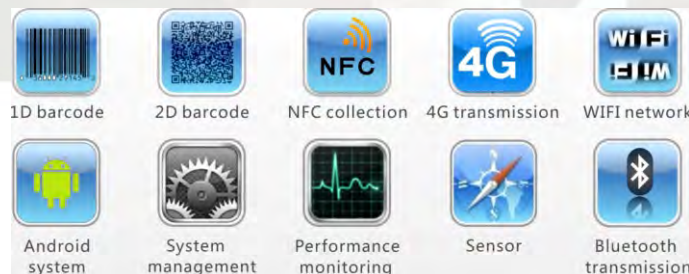
■ 2GB DDR, 16GB eMMC To enhance operation speed

■ Dual bands WiFi & Bluetooth

- To enhance bandwidth availability and throughput

■ NFC supported

- as contactless smart card reader/ writer for vertical applications



Waterproof, dustproof, and drop resistance capability

- can adapt to the complex working environment



Professional customized flat scanner flatten handset thickness

- support 2D/1D barcode scanning in low cost

Laser code scanning positioning

- Precise laser positioning makes code scanning accurate and correctly

Configurable dual flash light

- Enhance scanning flash light to improve code scanning performance



Specification I

ITEM	DETAILED		
System			
SOC	MT6735V, 64 bits Quad Core ARM® Cortex®-A53 64-bit processor, up to 1.3GHz		
	ARM Mali™-T720; Video 1080P encode/Decode, 30fps		
OS	Android 7.1		
Display	5" HD 720 (720* 1280) IPS TFT Display		/ 5 points Capacitive Touch Screen
Memory	2GB DDR2	/ 16GB eMMC	/ Micro SDHC slot(~32GB)
Connectivity			
LTE Modem	Embedded 4G modem enabled		/ Dual Nano SIM
	FDD_LTE		/ Band1 (2100), B3 (1800), B7(2600), B17 (700b)
	TDD-LTE		/ Band 38, 39, 40, 41
	3G WCDMA/ HSPA+		/ Band1 (2100), Band8 (900)
	GSM/ GPRS/ EDGE Class 12		/ Band3 (1800), Band8 (900)
	TD-SCDMA		/ Band B34/ B39
	CDMA ,EVDO		/ Band BC0 800 HMz
WiFi	WiFi 802.11 a/b/g/n, dual bands (2.4 / 5GHz)		
Bluetooth	Bluetooth 4.0 / 3.0 + HS/ 2.1 + EDR		
NFC	Supported	/ Distance ≤ 5cm	
Peripherals			
Camera	Front: 2MP camera	/ Rear: 13 MP AF camera with double LED flash light	
Data acquisition	Scanning international standard 2D barcode, such as QR, PDF417, DataMatrix, MaxiCode		
2D/1D barcode scanning	Scanning international standard 1D barcode -		
	such as Code39, Code128, Code93, EAN8, EAN13, UPC-A, UPC-E, Codebar, Interleaved 2 of 5		
Laser light	Laser positioning code-scanning to make it accurate and correctly.		
Double flash	Enhance the scanning flash, improve code-scanning performance		
Navigation	GPS/ A-GPS	/ (Beidou as optional)	
Audio	Integrated microphone* 1	/ Integrated speaker* 1	/ 3.5mm Combo stereo headphone jack* 1
Sensor	Accelerometer (G-sensor)		
Other H/W	Vibrator		
Optional Module	Protection shell (plastic)	/ External SCR (Smart Card Reader, via BT or Pjone jack)	
	External BT Thermal printer	/ External MSR Reader (via earphone jack)	
I/O Ports			
USB Port	Micro USB 2.0 port(OTG)* 1		
SD Slot	MicroSD card slot* 1	/ up to 32GB	
SIM Socket	Nano-SIM sockets* 2		
Power Supply			
Battery	Lithium-ion battery in 3,200mAh, 3.7V, 11.84WHr (or 3,600mAh as optional)		
	/ Charging hours: 4 hours via USB connector		

Specification II

ITEM	DETAILED		
Battery Life	Up to 8 hours battery life with the following operations:		
	1. Continuous audio playback of 160-Kbps encoded MP3 files		
	2. Internet browsing by Wi-Fi while:		
	a. Browsing snapshot versions of 20 separate web pages		
	b. Using hourly push-email		
Power Adapter	Continuous video playback for 6~8 hours		
	Standby time: 280 hours	/ Talking time: 12 hours	
	Input: AC100~240V, 50~60 Hz	/ Output: DC 5V/ 1A	
Mechanical & Environmental			
Dimension	142* 75* 12 mm		
Weight	188g		
Operating Temp.	- 0℃ ~ 40℃ (32°F ~ 104°F)		/ Charging temperature: 0 ~ 40℃
Storage Temp.	- 20℃ ~ 60℃ (- 4°F ~ 140°F)		
Operating Humidity	20% ~ 70% (40℃)		
Durability Features			
	IP54 sealing level		
	/ Waterproof	/ Dust-proof	/ 1.2m (4ft.) drop-resistance with protection shell
Regulation Approval			
Certification	CCC / CE (pending)		
Laser Safty Standard	IEC2 / FDAII grade	/ Meet the standards of IEC60825 / EN60825-1	
Default Accessory List			
AC-DC Power Adapter	5V/ 1A	* 1	
Data cable	Type A USB to Micro USB, 1.2M	* 1	
Optional Accessory			
	Protection Shell		



Accessory

(1) Protection Shell



(2) External SRC (Smart Card Reader) via Bluetooth



Smart Card slot

(3) External MSR via Earphone Jack



MSR slot

(4) External 2" / 3" Thermal Printer via USB / Bluetooth



Application Solutions

