

# Mobile Payment POS Terminal



## MPOS-700

Offer you highly secure  
all-in-one payment solutions

The new generation MPOS-700 is a multi-function color touchscreen POS terminal that is equipped with high security features accredited to industry and international banking standard.

- PCI PTS 3.X certified
- EMV 4.3 Level 1 and Level 2 certified
- MK/SK, Fixed, DUKPT
- Dual and triple length TDES
- RSA, AES

### Convenience and user-friendly

MPOS-700 offers your business with a wide range of communication options. Connectivity and communication are unbounded with MPOS-700 GPRS, CDMA, Wi-Fi, PSTN and Ethernet functions.

### Key features

- Supports for multiple tasks and applications
- 32-bit ARM 11 secure processor
- High performance in mass data and EMV transactions
- 2.8" TFT LCD 320\*240
- Touch panel, supports signature capture function
- High Speed Thermal Printer
- Communication modules: GPRS; optional CDMA, Wi-Fi, PSTN and Ethernet



Multiple Tasks & Applications



Color Touch Screen



PCI PTS 3.X, EMV 4.3 certified



1D Barcode Scanner Option



Global Payment Terminal Provider



## Specifications

<b>Dimension</b>	• 190mm (L) x 89.5mm (W) x 56mm(H)	
<b>Weight</b>	• 0.53kg	
<b>Working environment</b>	<ul style="list-style-type: none"> <li>• Operating Temperature: 0°C to 50°C</li> <li>• Operating Humidity: 10% to 90%, non-condensing</li> <li>• Storage Temperature: -20°C to 60°C</li> <li>• Storage Humidity: 5% to 95%, non-condensing</li> </ul>	
<b>Processor</b>	• 32-bit secure CPU, ARM11	
<b>Memory</b>	• 128MB Flash	• 64MB RAM
<b>Operating System</b>	• Proprietary OS (Embedded Linux)	
<b>Display</b>	• 2.8" TFT LCD Display 320*240	• Touch Panel
<b>Keypad</b>	• 10 alphanumeric keys, 8 function keys, 1 power key	
<b>Slots</b>	<ul style="list-style-type: none"> <li>• 1 SIM, 3 PSAM slots (Optional 2 SIM, 2 PSAM slots)</li> <li>• ISO7816</li> <li>• Supports PPS protocol</li> </ul>	
<b>Communication / Connectivity</b>	<ul style="list-style-type: none"> <li>• GPRS</li> <li>• Optional: CDMA, Wi-Fi, GPRS &amp; Wi-Fi, CDMA &amp; Wi-Fi, 3G</li> </ul>	• Supports full SSLv2/3 TLSv1
<b>Magnetic Card Reader</b>	<ul style="list-style-type: none"> <li>• Track 1/2/3, bi-directional</li> <li>• Supports smart error correcting</li> </ul>	• ISO7811, ISO7812
<b>Smart Card Reader</b>	<ul style="list-style-type: none"> <li>• EMV 4.3 certified</li> <li>• Supports SLE4442 / SLE4428 memory card</li> </ul>	
<b>Contactless Card Reader (Optional)</b>	• ISO14443 Type A/B, Mifare classic, Mifare Ultralight, Mifare DESfire, Sony Felica	
<b>PED</b>	<ul style="list-style-type: none"> <li>• Supports MK/SK, Fixed, DUKPT</li> <li>• Supports RSA, AES</li> </ul>	<ul style="list-style-type: none"> <li>• Supports dual and triple length TDES</li> <li>• PCI PTS 3.x approval</li> </ul>
<b>Peripheral Ports</b>	• RS232 x 2	• Output: 5VDC 500mA
<b>Printer</b>	<ul style="list-style-type: none"> <li>• High speed, easy loading thermal printer</li> <li>• Paper roll: 58mm width, 38mm diameter</li> </ul>	
<b>Battery</b>	<ul style="list-style-type: none"> <li>• 2600mAh, 7.4V</li> <li>• Supports 400 transactions</li> </ul>	• Over 60 hours standby time
<b>Power Supply</b>	• Input: 100-240VAC, 50Hz/60Hz	• Output: 9.5VDC, 2.5A
<b>Language</b>	<ul style="list-style-type: none"> <li>• Supports Chinese (Gb18030), English, French, German, Latin, Russian, Arabic, Vietnamese, etc.</li> <li>• Supports Unicode</li> </ul>	
<b>Remote Download</b>	• Supports TMS remote download (sold separately)	
<b>LAN (Optional)</b>	• 10/100 Base-T, supports full SSLv2/3 TLSv1	
<b>PSTN (Optional)</b>	<ul style="list-style-type: none"> <li>• Synchronous: supports 1200 / 2400 / 9600 bps</li> <li>• Asynchronous: up to 56Kbps</li> </ul>	
<b>Scanner (Optional)</b>	<ul style="list-style-type: none"> <li>• 1D CCD Barcode Scanner (optional)</li> <li>• 2D Barcode Scanner (optional)</li> </ul>	• 1D Laser Barcode Scanner (optional)
<b>Accessories (Optional)</b>	<ul style="list-style-type: none"> <li>• Carrying case</li> <li>• Separate charger</li> </ul>	• Car charger
<b>Certifications</b>	• CCC, CE, RoHS, PCI PTS 3.X, EMV 4.3 Level 1 & 2. PBOC3.0	



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