

Smart POS Terminal

OM-A880

Secure Asmart OS based on Android 5.X
Quad core CPU design with high performance
5.5 inch HD touch screen, ensuring superior user experience
Ergonomic design and compact appearance, consistent
with the habit of operation



contactless



security



connectivity



touchscreen



camera

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Specifications

CPU	High Performance 4 Core Processor+Special secure CPU
Operating System	Asmart System based on Android 5.X
Memory	DRAM:1G FLASH: 8G; Supports Micro SD/TF Card, up to 32G
Display	5.5-inch and 1280*720 pixels capacitive color touch screen, supports electronic signature capture.
MS Card Reader	Track 1/2/3,bi-directional, compliant with ISO7811, 7812
Smart Card Reader	Supports Memory Card, SLE4442/4428, CPU Card, Compliant with EMV4.3, PBOC3.0 , ISO7816 Standard.
Contactless Card Reader	Supports Mifare Card, SONY Felica. Communication Frequency: 13.56MHz.Compliant with ISO/IEC 14443 Type A&B
Security	Internal Virtual PED.Supports MK/SK, DUKPT, FIXED.3DES, RSA, AES, SHA-256, Sm2, Sm3, Sm4, Algorithms.
Communications	LTE-TDD,LTE-FDD, WCDMA/HSPA/HSPA+, TD-SCDMA,GSM/GPRS, WIFI, Bluetooth (2.1-4.1)
Satellite Positioning	GPS,BEIDOU, GLONASS
Camera	Front Camera: 300 thousand pixel; Rear Camera: 5-mega pixel, with flash, auto focus; 1D&2D scanner.
Multimedia	Supports recording and broadcast; 720P video recording, 1080P video playback.
Printer	High-speed thermal printer, Paper roll width and diameter: 58mm / 40mm



optional



Scanning base(optional)



Charging base(optional)

Key features

- ▼ PCI PTS 5.X,EMV,PBOC3.0,UnionPay Security,UnionPay Cloud POS approved
- ▼ Equipped with multiple tamper protection ,and self destruction mechanism
- ▼ Accept various payment methods,including cards, NFC,barcode/QR payment,etc
- ▼ Widely used in finance,catering, retails,logistics, insurance and other industries

Fingerprint	FBI PIV specification, MobileID FAP10, STQC,ISO19794-2, ISO19794-4, ANSI 378, ANSI 381 and WSQ supported
Ports	1*Micro USB OTG, supports charging, communication.
Buttons	Power switch, 2*Volume keys
Card Slots	2*SIM,2*SAM, 1*SD Card
Battery	Built-in lithium battery, 7.2V/2600mAh
Power	Input: 100-240V AC, 50/60Hz; Output: 5.0V DC, 2.0A
Working environment	Temperature: 0°C-50°C(32°F-122°F) Humidity: 10%-90%(Non-condense)
Storage environment	Temperature: -20°C-60°C(-4°F-140°F) Humidity: 5%-95%(Non-condense)
Certifications	PCI PTS 5.X, EMV LEVEL 1&2, PBOC3.0, UnionPay Security Certification, UnionPay Cloud POS Certification, Pay pass, paywave, AMEX, JCB, Discover
Optional	Charging Base ,Scanning Base, Functional Base.
Dimensions	L*W*H* in CM 12.8x19.8x8.9 Weight : 0.72Kg

Full Functional Base : Scanning base + 1 LAN Port + USB Port + 1 RS232 Port



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