




APOLLO

Mobile All-in-one Android Based POS With API Developer Support

APOLLO is the first android based terminal at SPECTRA. This smart device position itself is a breakthrough of payment terminals. Besides its all-in-one payment acceptance, APOLLO delivers ultimate hardware capability from software development to custom-made solutions for merchants.



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MCCS Contactless Acceptance Device Type Approval
- 
VCCS Contactless Kernel Type Approval



SPECTRA
Technologies

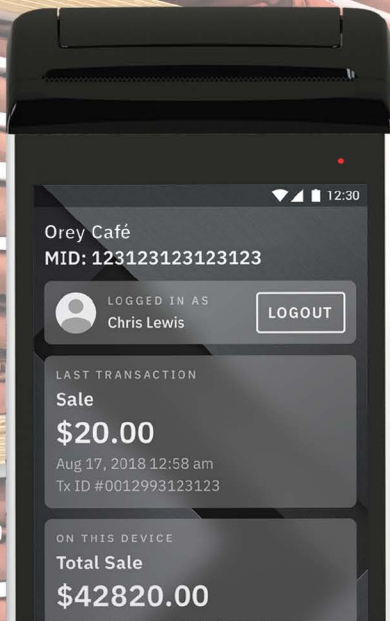


Features of APOIIO

- ARM® Cortex® secure processor
- Android module based on Qualcomm Quad-core A7 1.1 GHz
- Large memory with 1GB RAM + 8GB Flash
- Android V7.1 operating system
- 5.5" LCD color display with cap sense multi-touch screen
- Support 1D/2D bar code decode
- 5MP CMOS rear camera with flash light, and 0.3MP CMOS front camera
- Bluetooth® dual mode, WIFI, GPS/GLONASS/BEIDOU
- 4G FDD and TDD/WCDMA/GSM/GPRS
- Support dual SIM
- One user defined shortcut button

Optional

- Fingerprint sensor
- Docking unit



Specifications

Payment acceptance types	Magnetic track 1/2/3 EMV NFC Contactless QR code payment
Processor	ARM® Cortex secure processor Qualcomm Quad-core A7 1.1 GHz
Operating system	Android V7.1
Memory	1GB RAM + 8GB Flash, optional 2GB RAM + 16GB Flash
Display	5.5" TFT color display, 1280 x 720, 16.7M Cap sense multi-touch screen, support electronic signature
Camera	5MP auto zoom camera with flash light 0.3MP CMOS front camera support 1D/2D barcode decode
Thermal printer	Type: 2.25" Thermal Printing speed: 18lines/sec Paper roll: 40mm diameter
Keys	On/off, Vol up/down, one shortcut key
Card slots	SAM x 1 Micro SD x 1 (optional) SIM x 2 (optional)
Communication interface	WIFI (single/dual band, direct), Bluetooth®, GPS/GLONASS/BEIDOU, Dual SIM dual standby, Internal antennas, 2G/3G/4G FDD & TDD
Peripheral	USB OTG x 1 (Type C)
Audio synthesizer	1 x speaker, 1 x microphone, support voice recording and playback
Phone jack	1
Battery	7.2V 2600mAh rechargeable battery (nominal)
Docking	Optional
Power supply	DC 5V 2A USB adaptor for charging only (will be changed when being shipped with docking)
Certifications	PCI PTS EMV L1 & L2 Visa PayWave MasterCard Contactless American Express ExpressPay JCB/Speedy QPBOC SRED FCC/CE TQM MCCS Contactless Acceptance Device Type Approval VCCS Contactless Kernel Type Approval
Operating temperature	0 - 45°C
Storage temperature	-20 - 70°C
Operating humidity	0 - 85% non-condense
Dimensions & weight	180 (L) x 84 (W) x 61 (H) mm, 450g (without fingerprint)

*Specifications is subject to change without prior notice.

All-In-One Android POS



API Developer Support

User friendly Android base platform with API support – flexible development – to enhance the performance under different industries needs.

