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.

✓ **MCCS Contactless Acceptance Device Type Approval**

✓ **VCCS Contactless Kernel Type Approval**

SPECTRA Technologies

VISA · mastercard · UnionPay 银联 · AMERICAN EXPRESS · JCB · Pay · 支 · SAMSUNG Pay · G Pay
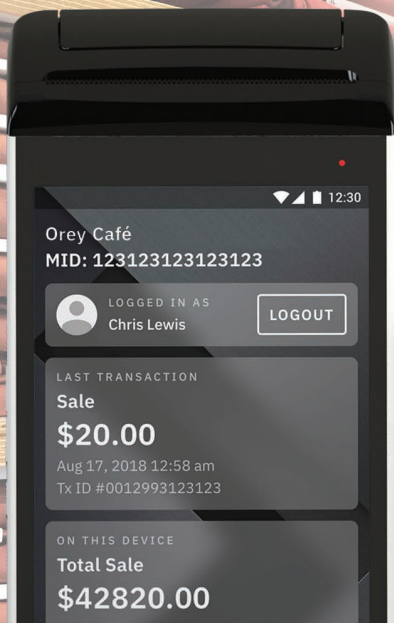
Features of APOllO

- 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	Min. 5200mAh rechargeable battery
Docking	Optional
Power supply	DC 9V power adaptor, 2A USB charger
Certifications	PCI PTS EMV L1 & L2 Visa PayWave MasterCard Contactless American Express ExpressPay JCB J/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	5-95% non-condense
Dimensions & weight	180 (L) x 84 (W) x 61 (H) mm, 450g

*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.