PAX Aries8

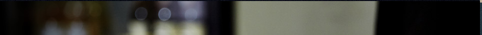
Smart Tablet
Explore the limits

Powerful Elegance

Combining tablet functionality and PCI certified security in a stylish and a Retailed hardened package.

Auto-focus 8MP Camera

The 8MP camera with flash clearly scans the QR code on mobile, and provides high-definition pictures for FRT as well.



8 Inch Screen

Displayed QR code to be scanned

8" IPS display

1280*800 pixel resolution

Bright display 500 nits

Innovative Contactless Reader

Contactless icon is illuminated during payment processing

USD: 16.10
11:10

Hybrid Reader (MSR & SCR)

Rugged and Robust Metal Keypad

Liquid resistant

500,000 press

ADA compliamt keypad

Wireless Communication Options

Aries8 supports all common wireless communication options.

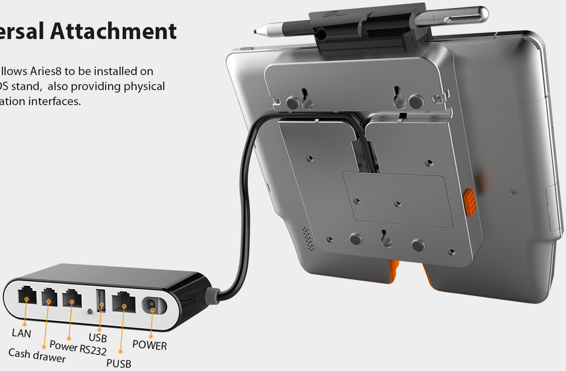
4G

Dual-band WiFi
2.4G & 5G

Bluetooth 4.2
Supports BLT

Universal Attachment

The plate allows Aries8 to be installed on existing POS stand, also providing physical communication interfaces.



Stylus Pen & Holder

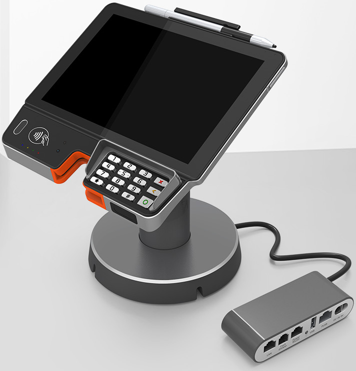
Provide pixel-perfect precision.

Finger on

Stylus pen

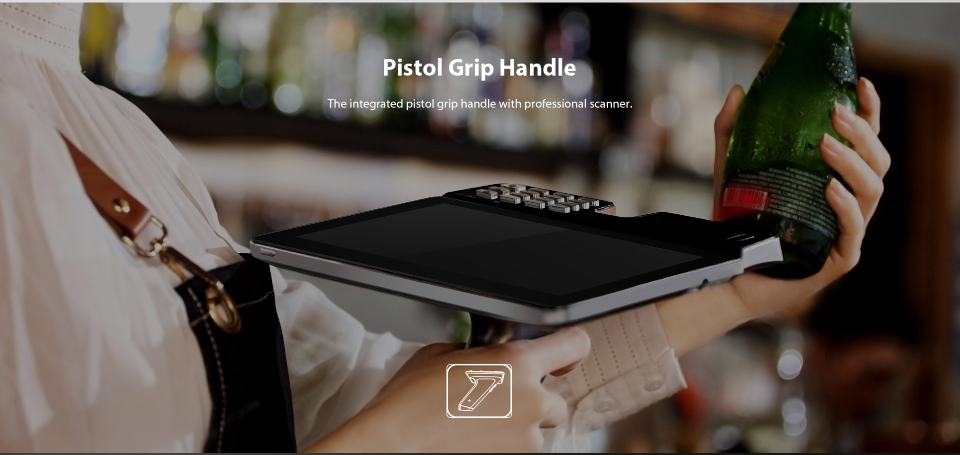
Stand

The stand with multiple ports provide an elegant look.



Pistol Grip Handle

The integrated pistol grip handle with professional scanner.



Applicable Industries

- supermarket
- Fresh market
- Restaurant
- QSR
- Specialty retail
- Convenience store

Functions & Applications

- Self-checkout
- Online order
- Settlement at reception
- Inventory verification
- Members management
- Cashier management
- Remote store management
- Inventory management

Technical Specifications

OS
PayDroid
Based on Android

Display
8-inch, 1280 x 800 IPS Display with
Capacitive Touch, Supports Stylus Pen

Camera
Front-facing: 8-megapixel autofocus
camera with integrated flash

Processor

Application CPU:
Quad-Core Cortex®-A53, 1.4GHz
Security CPU:
32-bit RISC Core (ARMv7-M)
1.25 DMIPS/MHz
Memory: 1 GB DDR + 8 GB eMMC

Environmental

0°C ~ 50°C (14°F ~ 122°F)
Operating Temperature
-20°C ~ 70°C (-4°F ~ 158°F)
Storage Temperature
5% ~ 96% Relative Humidity, Non-Condensing

Certification

FCC, IC, PTCRB, RoHs, EMV CL L1, EMV L1&L2, PBOC L1&L2, AMEX expressPay L2, PAYPASS L2, PAYWAVE L2, J/Speedy, DPAS

Battery

Rechargeable 3.7v, 3800 mAH battery in tablet + 3350 mAH battery in handle, USB type-C charging ports in tablet and handle

Data Communications

WiFi - 2.4GHz and 5GHz. Supports Hotspot.
Bluetooth 4.2. Cellular: 3G/4G
Auto Brightness Sensor and G-Sensor, GPS

Card Readers

Combination magnetic stripe & smart card reader.
Integrated contactless

Communication Box

2 x SIM + 1 x SAM
1 x Micro SD Card Slot supports up to 128GB
1 x LAN (RJ45), 1 x Cash Drawer (RJ11),
1 x RS232 (RJ45), 3 x USB Type-A Host,
1 x PUSB 12V/24V-Client,
1 x Charging Port,
1 x LED Power Indicator

Physical Proprties

Dimensions: 8.1" (L) x 6.7" (W) x 0.6" (H)
Weight: 25 ounces (including battery)
Contactless LEDs: blue, yellow, green, red
Charging LEDs: red (charging), green (charged)
1 x ON/ OFF Key, 2 x Volume (Up& Down)
15 x key PINpad with privacy shield
Fingerprint Reader: For unlock, access control (optional)
Audio: 1 x Speaker, 1 x 3.5mm
Audio Jack Scanner: professional scanner (optional)
QR/Barcode reader with LED lighting