A50
Smart MiniPOS

Android 8.1 **I** 12mm, 163g **I** Dual Cameras
4G, WiFi, Bluetooth **I** 4.5-inch IPS Colour
Display **I** High Speed Processor **I** USB
Type-C Charging Port **I** PCI PTS 5.x, SRED

Powered by Android

PAX's A50 is a next generation Smart handheld MiniPOS specially designed for modern merchants looking for payment and value-added business solutions in a smart-phone like device.

Weighing only 163g, the A50 is the lightest, slimmest payment terminal in the PAX A-series family of mobile SmartPOS terminals.

It has a stunning high definition 4.5-inch touch screen, dual cameras with LED flashlight, a powerful processor and a long-lasting battery life.

The A50 runs Android 8.1 OS which connects it to PAXSTORE, the open software distribution platform, within which payment service providers create and manage their own independent appstore marketplaces.

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FEATURES & BENEFITS

Exceptional Performance

- PayDroid Android 8.1
- Quad-Core Cortex-A53, 1.4GHZ Processor
- 4.5-Inch Capacitive Touchscreen
- WiFi / 4G / Bluetooth
- 2MP Rear Camera (Optional 5MP)
- Micro SD Expandability

Secure Payments

- Ultra-Safe Security Processor
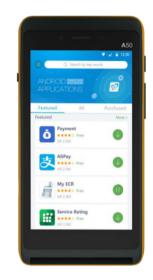- Supports RSA, AES, 3DES
- PCI PTS 5.x, SRED

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SPECIFICATIONS

OS	PayDroid Powered by Android 8.1
Processor	Application CPU: Quad-core Cortex-A53, 1.4GHZ Security CPU: 32-bit RISC Core (ARMv7-M), 1.25DMIPS/MHz
Memory	512M DDR +4GB eMMC ⏐ 1GB DDR +8GB eMMC (optional) 1 x Micro SD Card Slot, Supports Up To 128 GB
Card Readers	Smart Card Reader ⏐ Contactless Card Reader
Camera	0.3 Megapixel Fixed Focus Front Camera (optional) 2 Megapixel Fixed Focus Rear Camera with LED Flashlight （5 Megapixel Auto Focus, optional）⏐ Reads 1D & 2D Codes
Display	4.5-inch IPS Colour Display ⏐ HD 1280 x 720pixels Multi-point capacitive Touchscreen
Audio	1 x Speaker ⏐ 1 x Buzzer
Button	1 x ON/OFF button ⏐ 2 x Volume +/- button ⏐ 1 x Shortcut scan button
Communications	Wi-Fi 2.4G, 5G(optional), Supports Hotspot ⏐ Bluetooth 4.2 4G (TD-LTE / FDD-LTE) + 3G (WCDMA / TD-SDMA) + 2G (GSM / GPRS)
Card Slots	1 x SIM+1 x Micro SD ⏐ 2 x SIM (optional)
Peripheral Ports	1 x Type-C Supports Charging and USB 2.0, OTG ⏐ 5 x POGO pin 1 x 3.5mm Audio Jack
Battery	3.7V/2500mAh Polymer lithium battery
Adapter	Input: 100 - 240V AC, 50Hz / 60Hz ⏐ Output: 5.0V DC, 1.0A
Sensor	G-Sensor ⏐ Motors (optional) ⏐ Light sensor (optional)
Location	GPS ⏐ Glonass ⏐ BeiDou
Indicators	1x Charging Indicator
Physical	L x W x H (mm) : 138 x 69.5 x 12 ⏐ Weight (g) : 163 (including battery)
Environmental	−10℃ ~ 50℃ (14°F ~ 122°F) Operating Temperature −20℃ ~ 70℃ (-4°F ~ 158°F) Storage Temperature 5% ~ 95% Relative Humidity, Non-Condensing
Certifications	PCI PTS 5.x, SRED ⏐ EMV L1 & L2 ⏐ EMV Contactless L1 ⏐ MasterCard Contactless Visa payWave ⏐ American ExpressPay ⏐ Discover D-PAS ⏐ MasterCard TQM Interac_Flash L2 ⏐ ABECS ⏐ APCA ⏐ CE ⏐ Anatel ⏐ RoHs

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