



Modern Handheld Smart POS Terminal

All-in-One Android Payment & Thermal Printing Solution

Designed for retail, hospitality, delivery, and field operations, this high-performance handheld payment terminal combines secure multi-channel card processing with an integrated thermal receipt printer. Powered by SmartDroid® on Android 13, it offers fast transactions, robust wireless connectivity, and comprehensive global security certifications.

OS & CPU Android 13 (SmartDroid®) Quad-Core Cortex A53 2.0GHz	Display & Touch 2.8" TFT LCD (320x240) Capacitive Touchscreen
Payment Acceptance NFC Contactless, EMV Chip, Triple-Track Magstripe Reader	Built-in Printing 2" Thermal Receipt Printer 58x40mm Paper Roll
Wireless & Ports 4G/3G/2G, Wi-Fi 2.4G, BLE 4.2, Type-C USB, SIM + SAM Slot	Security & Compliance PCI PTS 6.0X, EMV L1&L2,, 3DES & DUKPT Key Mgmt

TECHNICAL SPECIFICATIONS

Operating System	SmartDroid® based on Android® 13
Processor & Memory	Quad-core Cortex A53 2GHz CPU 1GB RAM + 8GB eMMC Flash
Display	2.8" inch TFT LCD, 320x240 Resolution Capacitive Touch Screen
Card Readers	Triple-track Magnetic Stripe Reader, NFC Contactless Reader (ISO7811, ISO7812, ISO4443 A/B, Mifare), 1x SIM + 1x SAM slot (Optional 1x eSIM)
Built-in Printer	2" High-Speed Thermal Printer (Paper Roll Size: 58mm x 40mm)
Cameras & Optical	Rear: 5MP Fixed Focus Front: 2MP Camera
Wireless Connectivity	4G / 3G / 2G Cellular, Wi-Fi 2.4GHz, Bluetooth 4.2 BLE
Interfaces & Ports	1x Type-C USB 2.0 OTG & Charging Port, 1x Micro SD Card Slot (Supports up to 256GB)
Security & Encryption	3DES Encryption, Master/Session and DUKPT Key Management
Payment Certifications	PCI PTS 6.0X, EMV L1 & L2, EMV CTLS L1, PayPass, PayWave, ExpressPay, D-PAS, PURE, Rupay, TQM, CE, FCC, RoHS, BIS
Power & Battery	3.7V 2850mAh Li-ion Rechargeable Battery Input: 100~240V AC 50/60Hz, Output: 5.0V DC 1.0A
Physical Dimensions	Weight: 368g Dimensions: 164mm (H) x 83mm (W) x 55mm / 27mm (T)
Environment Temp.	Operating: -10°C to 50°C Storage: -20°C to 60°C