



Next-Generation Smart Mobile POS

Empower your business checkout experience with the **Noor Al Fikr Smart POS Terminal**. Engineered on a highly secure Android architecture, this portable payment device seamlessly connects merchant management with customer checkout via high-speed, versatile, and certified transactions.

Key Solution Highlights:

- **All-in-One Payment Acceptance:** Visa Paywave, MasterCard Contactless, JCB, NFC, Magnetic Stripe, & Smart Chip.
- **High-Speed Thermal Printing:** Built-in 58mm printer operating at 29 lines/sec for instant receipt generation.
- **Robust Wireless Connectivity:** Dual-band Wi-Fi, 4G LTE, Bluetooth 4.0, USB-C, and GPS positioning.
- **Bank-Grade Security:** PCI 6.X & EMV Level I & II certified with 3DES encryption and DUKPT key management.

CORE PRODUCT CAPABILITIES

Secure Android OS & Power

- Operating System: Secure Android OS Based on 10.X
- Processor: Quad-core A53 + dedicated secure co-processor
- Memory Capacity: 16GB Flash + 2GB DDR RAM
- Battery: Rechargeable 2600mAh, 7.4V integrated charging

Interactive HD Display & Camera

- Display: Full color 5.5" 720 x 1280 LCD touch screen
- Features: Digital signature capture & video capable
- Camera: 5MP rear camera with scanning light
- Barcode Scanning: Rapid 1D / 2D barcode & QR code reader

Card Readers & High-Speed Printer

- Readers: Triple-track magnetic stripe, NFC, ISO7811/7812
- Smart Contactless: ISO4443 Type A/B, Mifare supported
- SIM Expansion: 2x SIM slots, 1x SAM, 1x SD slot (up to 32GB)
- Thermal Printer: 29 lines/sec speed, 58mm paper width

Certifications & Global Security

- EMV Certified: EMV 4.3e Level I & Level II compliance
- PCI Certification: PCI 6.X financial security compliance
- Payment Networks: Visa Paywave, MasterCard, JCB, Expresspay, D-Pass
- Encryption: 3DES Encryption, Master/Session & DUKPT

TECHNICAL SPECIFICATIONS

Item	Description & Hardware Specifications
SYSTEM	Secure Android OS Based on 10.X
PROCESSOR	Quad-core A53 + secure processor
MEMORY	16GB flash, 2GB DDR
DISPLAY	Full color 5.5" 720 x 1280 LCD, color touch screen, signature capture, video capable
CONNECTIVITY	1x USB-C port, USB OTG, Dual-Band Wi-Fi, Bluetooth 4.0, 2G, 3G, 4G, GPS
CERTIFICATION	EMV 4.3e level I & II, PCI 6.X, NFC, D-Pass, Expresspay, Interac Flash, JCB Contactless, MasterCard Contactless, Visa Paywave
CARD READERS	Triple-track magnetic stripe reader, NFC, ISO7811, ISO7812, ISO4443 A/B, Mifare, 2x SIM Card, 1x SAM, 1x SD card (32GB)
SECURITY	3DES Encryption, Master/Session and DUKPT key management
CAMERA	1D/2D barcode & QR code scanning, 5MP rear
PRINTER	Speed 29 Line/Second, easy loading, 58mm paper width, 40 mm roll diameter
BATTERY	Rechargeable, 2600mAh, 7.4v, integrated charging
POWER	5V DC, 2A
PHYSICAL	486g weight, (192x84x63.5mm) - (7.5" x 3.3" x 2.5") LxWxH

COMPLIANCE & BANK-GRADE SECURITY ARCHITECTURE

• The Noor Al Fikr Smart POS Terminal meets rigorous global financial payment security requirements. With dual certification across **PCI 6.X** and **EMV 4.3e (Level I & II)**, the hardware features end-to-end **3DES encryption** and dynamic **DUKPT key management**. Integrated dual SIM and SAM card slots ensure secure network communication and encrypted transaction handling across all commercial deployment environments.

Contact our commercial solutions team for deployment inquiries, volume purchasing, and technical support.
Website: www.nooralfikr.com | **Email:** commercial@nooralfikr.co | **Phone:** +968 92016147