

Nomad m2

EMV Chip & PIN mPOS Reader



Nomad m2 features robust security and supports EMV chip & PIN for contact and contactless payments.

Nomad m2 is a compact and powerful card reader that supports chip & PIN, chip & signature and magnetic stripe payment technologies. It is EMV-certified to accept both contact and contactless payments.

Nomad m2 employs universal Bluetooth connectivity and proven PTS-P2PE compliant SRED technology to facilitate a secure and reliable end-to-end solution in mobile POS environments. Its robust security framework and seamless key loading process help reduce PCI scope and deliver peace of mind when part of an overall PCI-validated point-to-point encryption solution.

The handheld device pairs with smartphones and tablets via Bluetooth or micro-USB, making it a great fit for all mPOS retail applications, whether at the check-out, in the aisles or on the road. A flexible and robust device management system supports remote key loading and firmware updates.

Nomad m2 can be integrated with POS and payment apps using our intuitive CorePay SDK developer tools, or you can choose it as part of our end-to-end turnkey mobile payment solution, supported by our robust aCommerce gateway and management platform.

Features at a Glance:

Accept All Card Types

Enables merchants to accept EMV chip & signature, EMV chip & PIN and mag-stripe payments

Certified Contactless Payments

Supports all types of contactless payments, speeding transaction times

Robust Security

Secure Reading and Exchange of Data (SRED) facilitates reduced PCI scope from the earliest point in the transaction lifecycle when part of a PCI-validated P2PE solution.

Remote Support

Firmware, configuration updates and key injection can be supported via secure remote over-the-air communications, eliminating the need to swap devices that are in the field.

Nomad m2



Chip & PIN



Contactless



Magnetic Stripe

Nomad m2 Product Specifications

Color	Black
Dimensions	Length: 102 mm Width: 55.6 mm Height: 15.9 mm Weight: 105 grams
Memory	5MB Flash & 128KB SRAM
Display	Monochrome 128x64 pixels LCD
Power & Charging	Micro USB 470mAh Lithium Polymer, 200+ transactions per charge
Communication Ports	Bluetooth 2.1 + EDR & Bluetooth 4.X Micro USB
Key Management	DUKPT, MK/SK
Encryption Algorithm	RSA, TDES, DES

Certifications	<p>Security & EMV Certifications EMV L1/L2 contact PCI PTS 4.x SRED</p> <p>Contactless Certifications PayPass, payWave, Apple MFi ApplePay supported</p> <p>MPOS Certifications MasterCard Mobile POS, VISA Ready</p> <p>Quality/Regulatory Certifications MasterCard TQM, CE, RoHS</p>
Card Readers	Bi-directional triple-track MSR (1, 2, 3) ISO 7816 chip card reader
OS Support	Android, iOS, Windows Mobile
Lifetime	100,000 smart card insertions 500,000 magnetic stripe swipes
Warranty	12 month