

Moby/8500

Next Gen Chip & PIN Mobile Card Reader

- Sleek, compact and consumer-friendly mobile point of sale (mPOS) card reader with a color display
- PCI-PTS 5.x certified to meet the latest security standards
- Accepts all card-based payments, including EMV chip & PIN, magstripe and NFC/contactless
- Seamless Bluetooth connectivity
- Pre-certified with our EMV Gateway for faster speed to market
- White labeling options for custom device branding



security



smartcard



magstripe



contactless



color display

As one of the first mPOS devices to receive the PCI PTS 5.x SRED certification, the Moby/8500 is a next generation secure payment acceptance solution, with its consumer-friendly and modern design, large color display, and the ability to address a wide range of use cases.

Flexible

The Moby/8500 accepts all card-based payments including EMV chip & PIN, magstripe and NFC/contactless through a single device. Easily connect the mPOS device with Bluetooth to over 300 different types of iOS and Android smartphones and tablets.

The Moby/8500 supports all mPOS use cases for merchants of all sizes and can also be white-labeled for custom branding.

Secure

Combined with our mPOS EMV SDK and Gateway, the Moby/8500 is pre-certified for EMV to all the leading processors so you can start accepting EMV payments right away. The mPOS card reader is certified for PCI PTS 5.1 SRED, EMV L1 and L2, EMV L1 contactless, Visa payWave, Mastercard Contactless, Amex Express Pay, Discover D-PAS and CUP Quickpass, JCB J/Speedy and Interac.

The device comes preloaded with firmware which can be remotely updated to help reduce total cost of ownership.

User-Friendly

With a sleek design and a compact form factor, the Moby/8500 is lightweight and portable. It offers a large bright color screen for easy interactions and an optimal customer experience.

Wireless connectivity and plug-and-play convenience add further ease of use, as does the Moby/8500's user-friendly PIN pad with raised keys.

In addition, the Moby/8500 is equipped with contact pads that enable the device to be used with accessories such as retail stands, charging stations, etc.



Feature	Description
Card Readers	Magstripe card reader ISO7816 Track 1/2/3 EMV chip reader & NFC reader with 4 LEDs SAM (optional)
Processor	32bits ARM microcontroller
Dimensions (L x W x H)	4.49" x 2.52" x 0.55" (114mm x 64mm x 13.97mm)
Display	2.4" LCD TFT Display, 320 x 240
Battery	650 mAh Li-Ion Rechargeable battery, replaceable
Connector/ Connectivity	Micro USB for charging & PC connection Bluetooth 4.2 with Apple™ MFi
Encryption	TDES-DUKPT or On-Guard DATA key TR39 / PCI PIN 2.0 DATA & PIN certified key management
Supported OS	Android, iOS and Windows
Certifications	FCC, CE, WEEE, EMV L1 & L2 Contact, EMV L1 Contactless, PCI-PTS 5.x SRED, MasterCard Contactless 3.1, Visa payWave 2.2, Amex Express Pay 4.0.2, Discover D-PAS 1.0, CUP Quickpass JCB J/Speedy 1.4, Interac 1.6
Lifetime	Up to 100k on magstripe reader & smart card reader 3 years / 500 cycles for battery



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