

# 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
- ◉ White labeling options for custom



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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. The device comes preloaded with firmware and security keys 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.



<b>Processor</b>	<ul style="list-style-type: none"> <li>32bits ARM microcontroller</li> </ul>
<b>Supported OS</b>	<ul style="list-style-type: none"> <li>Android, iOS and Windows</li> </ul>
<b>Card readers</b>	<ul style="list-style-type: none"> <li>Magstripe card reader Track 1/2/3</li> <li>EMV chip reader &amp; NFC reader with 4 LEDs</li> <li>SAM (optional)</li> </ul>
<b>Display</b>	<ul style="list-style-type: none"> <li>2.4" LCD TFT Display, 320 x 240</li> </ul>
<b>Encryption</b>	<ul style="list-style-type: none"> <li>TDES-DUKPT or On-Guard DATA key</li> <li>TR39 / PCI PIN 2.0 DATA &amp; PIN certified key management</li> <li>Remote key update service</li> </ul>
<b>Certifications &amp; security</b>	<ul style="list-style-type: none"> <li>FCC, CE, WEEE, EMV L1 &amp; L2 Contact, EMV L1 Contactless, PCI-PTS 5.x SRED MasterCard Contactless 3.1, Visa payWave 2.2, Amex Express Pay 3.1, Discover D-PAS 1.0, CUP Quickpass.</li> </ul>

<b>Connector/Connectivity</b>	<ul style="list-style-type: none"> <li>Micro USB for charging &amp; PC connection</li> <li>Bluetooth 4.2 with Apple™ MFi</li> </ul>
<b>Power supply</b>	<ul style="list-style-type: none"> <li>Via USB-C AB cable / PSU not provided</li> </ul>
<b>Battery</b>	<ul style="list-style-type: none"> <li>650 mAh Li-Ion Rechargeable battery, replaceable</li> </ul>
<b>Dimensions (L x W x H)</b>	<ul style="list-style-type: none"> <li>114 x 64 x 14 mm (4.49 x 2.52 x 0.55")</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>90g (3.17oz)</li> </ul>
<b>Lifetime</b>	<ul style="list-style-type: none"> <li>100k transactions on magstripe reader &amp; smart card reader</li> <li>3 years / 500 cycles for battery</li> </ul>



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