

## PRODUCT SPEC SHEET

MOTOROLA BLUETOOTH MOBILE PAYMENT MODULE/MPM-100



PROCESS ANY TYPE OF PAYMENT, ANYWHERE AND ANYTIME

# MOTOROLA MPM-100

## CREATE AN INSTANT FULL-SERVICE MOBILE POINT-OF-SALE

With the Motorola MPM-100, your workers are ready to accept any kind of cashless payment, wherever they happen to be. Whether they are in an aisle in a retail store or in a truck on a delivery route, workers can process Chip and PIN-based credit and debit cards; credit, debit, loyalty and gift cards with a magnetic stripe; and contactless Near Field Communication (NFC) payments made via a mobile phone. And electronic signature capture on the paired mobile computer enables easy completion of credit card transactions.

## BRINGS NEW FUNCTIONALITY TO YOUR EXISTING MOBILE COMPUTERS

Standard Bluetooth 3.0 technology allows this device to easily pair with a wide variety of mobile computers. As a result, you can give workers the mobile device best suited for their job and easily add comprehensive mobile payment acceptance capabilities wherever needed. And since the MPM-100 is compatible with future Bluetooth-enabled mobile computers, you get a superior return on investment.

## SECURITY YOU CAN TRUST

The payment security technology in the MPM-100 is provided by the global leader in secure electronic payment solutions — VeriFone Systems, Inc. The MPM-100 boasts the highest level of data security

available for payment acceptance. Optionally, users can choose VeriShield Total Protect End-to-End Encryption solution, which combines format preserving encryption (FPE) and a Tamper-Resistant Security Module to protect the encryption keys from attacks. All cardholder and transaction data is encrypted before it leaves the MPM-100, so sensitive payment card data is never visible on your mobile computers, in back-end computer systems or while in transit. The result is peace of mind for you and your customers — and 'no-fuss' low-cost PCI compliance.

## RUGGED DESIGN

The MPM-100 is built to handle all day use, inside and outside the enterprise walls. Your workers can count on reliable operation, even if they drop the device on a concrete floor, spill water on it, or need to use it in freezing cold or blazing hot temperatures.

## WORLD-CLASS SERVICE

Service from the Start with Comprehensive Coverage delivers true business-class support, eliminating the cost of unforeseen repairs that can substantially increase the cost of mobility and reduce user productivity. This all-inclusive service covers normal wear and tear as well as internal and external components damaged through accidental breakage for the device and select accessories, making it easy to keep the MPM-100 up, running and in the hands of your users.

## FEATURES

### Bluetooth 3.0

Transfers secure data faster; enables faster response times between devices; uses less power

### Up and running in a second with ScanAndPair

A quick scan of a bar code instantly pairs the MPM-100 with its host Motorola mobile computer

### Compatible with multiple devices and multiple operating systems

Get more out of your investment and superior future proofing with this Bluetooth-enabled device; supports Windows Mobile and Android

### Enterprise class durability

Survives 4 ft./1.2 m drops to concrete across the operating temperature range and 250 1.64 ft./0.5 m consecutive tumbles (500 drops); also offers IP54 sealing and an extended operating temperature range

### Long life cycle

Yields a minimum of a half million swipes each of magnetic stripe-based and Chip and PIN-based cards — for a total of a million transactions

# SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS	
Dimensions	5.3 in. H x 2.9 in. D x 1.2 in. W 135 mm H x 74.5 mm D x 31.5 mm W
Weight	6.4 oz./195 g
Display	128 x 32 LCD display
PIN Pad	PCI 3.0 capacitive touch PIN pad with tamper resistant security module
Smart Card Reader	Landed smart card reader
Contactless Readers	Integrated contactless NFC
Magnetic Stripe Reader	Yes
Electronic Signature Capture	Yes
Contactless LEDs	Yes
SAM slots	Two (2)
DEVICE COMPATIBILITY	
Compatible with most Bluetooth-enabled mobile computers running Windows Mobile 6.5+ or Android v2.2+	
USER ENVIRONMENT	
Operating Temp.	14° F to 122° F/-10° C to 50° C
Storage Temp.	-22° F to 158° F/-30° C to 70° C
Drop Specification	4 ft./1.2 m to concrete across operating temperature; MIL-STD-810G
Tumble Specification	250 tumbles (500 hits) @ 1.64 ft./0.5 m
Sealing	IP54
Vibration	Random 20-2000Hz, 04g2/Hz, to 2kHz, 1 hour duration per axis
Thermal Shock	-4° F to 158° F/-20° C to 70° C, 2.2 hours/cycle, 10 cycles, non-operating
ESD	±15kVdc air discharge, ±8kv contact discharge
Management Tools	Centralized management of the MPM-100 and its host mobile computer via Motorola Mobility Services Platform (MSP)
Development Tools	.NET and Android development toolkit

SECURITY	
EMV Level 1, EMV Level 2 and PCI 3.0 compliant; 128-bit SSL link encryption; VeriShield Hidden Encryption (optional); Tokenization (optional)	
POWER	
Battery	Integrated 'full work day' 1380 mAh Lithium Ion battery
DATA CAPTURE	
Payment Types	Credit cards, PIN debit cards (Chip and PIN), smart cards, Near Field Communications (NFC)
LIFECYCLE	
MSR	500,000 card swipes
Chip and PIN	500,000 mating cycles
Charging Dock	10,000 insertions
PERIPHERALS AND ACCESSORIES	
Accessories include: Five (5) slot charging cradle and power supply; USB wall charger; auto charger; mini-USB data cable; rechargeable 1380 mAh battery; smart card plug; soft case with belt clip; rigid hip holster with belt clip	
REGULATORY	
For complete regulatory information, please visit: <a href="http://www.motorolasolutions.com/mobilepayment">www.motorolasolutions.com/mobilepayment</a>	
WARRANTY	
Subject to the terms of Motorola's hardware warranty statement, the MPM-100 is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For complete warranty statement, go to: <a href="http://www.motorolasolutions.com/warranty">http://www.motorolasolutions.com/warranty</a>	
RECOMMENDED SERVICES	
Service from the Start with Comprehensive Coverage PAYware (optional payment processing services from VeriFone)	

**Landed smart card reader**  
Reads cards more accurately; reduces wear and tear on the smart card

**128 x 32 LCD backlit display**  
Easy to read for fast and efficient payment processing

**Enterprise-class services**  
Maximizes uptime for this business critical mobile device

**Enterprise accessories**  
Get the accessories you need to simplify life for IT and your workers, from multi-slot chargers to soft and hard holsters

## PUT THE MPM-100 TO WORK IN:

**Retail**  
POS replacement  
Line busting  
Assisted selling

**Hospitality**  
Sales in trains, airplanes, automobiles and restaurants  
Table side/pool side

**Transportation and Logistics**  
Deliveries  
Postal

**Field Service**  
Service calls  
Repairs

Let your workers process any type of payment, anywhere and anytime.

To find out how, visit [www.motorolasolutions.com/mobilepayment](http://www.motorolasolutions.com/mobilepayment) or access our global contact directory at [www.motorola.com/enterprisemobility/contactus](http://www.motorola.com/enterprisemobility/contactus)

