

# iSMP

## Experience the power of Liberti !

- Turn iPod touch® or iPhone® into EMV Chip & PIN secure mobility payment solution.
- Libertishopping by iSMP for Retailers.
- Libertibusiness by iSMP for Mobile Merchants.
- And all other uses driven by your imagination...



security



smartcard



magstripe



contactless



barcode



By combining an iPod touch or an iPhone with the iSMP, Ingenico is inventing a unique Smart Mobile POS.

#### iPhone and iPod touch compatible, MFI certified

The iSMP, Smartphone Mobility Payment, is compatible with iPod touch and iPhone 4. The iSMP has been officially MFI certified, meaning it is 100% compliant with Apple performance and development standards. Thanks to its flexible casing concept, the iSMP is a modular product, able to address various use cases.

#### Universal payment platform

The iSMP accepts all forms of payment: EMV Chip and PIN, magstripe and contactless. It is based on Telium 2, Ingenico's highly secure payment platform, and is compatible with its existing worldwide portfolio of payment applications. The iSMP meets all security & payment standards: EMV, PCI PTS, Paypass™, payWave...

#### iOS interface

A smart software interface enables a perfect integration between the iSMP, the payment application and the iOS business application.

#### Integrated 1D/2D barcode reader

Integrating a high-end 1D/2D barcode reader, the iSMP meets the most demanding professional needs, such as scanning multiple items or loyalty customer scheme coupons (barcodes, QR codes).

#### Long lasting battery life

Equipped with a lithium-ion battery, iSMP works non-stop for over a day, even in the most demanding retail use cases.

#### Bluetooth® connectivity

Embedded Bluetooth technology enables effortless connectivity to external devices.

#### Designed for mobility

Featuring a long-lasting battery, pocket-sized design, light weight and robust casing, the iSMP is ideal for both indoor and outdoor mobile use cases.



Feature	Description
<b>Main Processor</b>	RISC 32-bits ARM9 processor - 380 MHz 450 MIPS
<b>Crypto Processor</b>	RISC 32-bits ARM7 processor - 57 MHz 50 MIPS
<b>Memory</b>	SDRAM: 32 Mb Flash: 128 Mb
<b>OS</b>	Telium 2
<b>Card readers</b>	Smart card reader: Standard (ISO7816, EMV L1 certified) Magnetic card reader: Standard (ISO 7810, 7811 and 7813, Track 1/2/3) Contactless reader: Standard (ISO 1443 A&B)
<b>Display</b>	Black and white, backlit 128 x 64 full graphic
<b>Keypad</b>	16 keys + 4 functions keys
<b>Buzzer</b>	Yes
<b>SAM</b>	No
<b>LEDs for contactless</b>	Yes - green or multicolour for Visa Wave support
<b>Connectivity</b>	Wireless: Bluetooth class II with 128-bit encryption Wired: Micro-USB AB Slave
<b>Connectivity to iPhone/iPod</b>	Apple iAP integrated, connection via Bluetooth
<b>Barcode Reader</b>	1D/2D (Factory option) all majors standards supported
<b>Battery</b>	Li-ion: 1,200mAh
<b>Battery Life</b>	Card transactions: up to 800 Sales cycles (3 item scans + 1 card transaction): up to 230 Standby mode: up to 66 hours
<b>Smartphones Integrated</b>	iPhone 4: Factory option iPod Touch (4th generation) : Factory option
<b>Dimensions</b>	132 x 72 x 32 mm (l x w x h)
<b>Weight (excluding smartphone)</b>	Without barcode reader: 210g With barcode reader: 216g
<b>Environment</b>	Operating temperature +5°C to +40°C Storage temperature -20° to +55°C Operating humidity 85% RH at +40°C
<b>Drop test resistance</b>	1.2 m, 6 faces on concrete
<b>Certifications</b>	CE, FCC, EMV L1, EMV L2, PCI PTS 2.1 & 3.0, Interac, APACS, CC, CCC, IC, CECS, PayPass™ 2.1, payWave 2.1.1, Visa Wave, ExpressPay, Discover Zip
<b>Available accessories</b>	Individual charging station, multi-device charging station (communication in option), car charger



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Mobile solutions