

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



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Mobile solutions