

# iSMP for iPhone® 5 & iPod touch® 5

## Turn an iPhone 5 or iPod touch 5 into a secure EMV Chip & PIN mobile payment solution

- Libertishopping by iSMP for Retailers.
- Libertibusiness by iSMP for Mobile Merchants.
- Liberti by iSMP provides the flexibility to address multiple mobile use cases that meet your unique business needs.



security



smartcard



magstripe



contactless



barcode



By combining an iPhone 5 or iPod touch 5 with an iSMP, Ingenico has created a unique smart mobile POS.

#### iPhone 5 and iPod touch 5 compatible, MFI certified

Thanks to its flexible casing design, the iSMP is compatible with both the iPhone 5 and iPod Touch 5, enabling merchants to transform either device into a secure mobile payment solution. The iSMP is MFI certified, meaning it is 100% compliant with Apple performance and development standards.

#### Universal secure payment platform

The iSMP accepts all forms of payment: EMV Chip and PIN, magnetic stripe and contactless. Based on Telium2, Ingenico's highly secure payment platform, the iSMP is compatible with Ingenico's existing worldwide portfolio of payment applications. The iSMP meets all security and payment standards: EMV, PCI PTS, Visa Ready, Contactless PayPass™ & payWave.

#### iOS interface

A smart software interface enables seamless 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, whether rapidly scanning multiple items at a variety of angles or validating a wide range of customer coupons (barcodes, QR codes).

#### Long lasting battery life

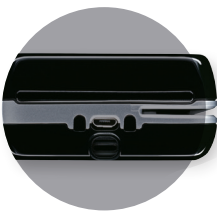
Equipped with a lithium-ion battery, the iSMP works non-stop for over a day, even in the most demanding retail use cases.

#### Bluetooth connectivity

Embedded Bluetooth technology enables effortless connectivity to external devices. The iSMP uses a Bluetooth class II chip with 128-bit Bluetooth encryption for secure connection to external peripherals including printers and smartphones.

#### Designed for mobility

Featuring a long-lasting battery, pocket-sized design, lightweight 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 with flash and RAM memory 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: ISO7816, EMV L1 certified Magnetic card reader: ISO 7810, 7811 and 7813, Track 1/2/3 Contactless reader: ISO 1443 A&B, PayPass & payWave certified
<b>Display</b>	Backlit screen 128 x 64 full graphic B&W display
<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>	Connected via 128-bit encrypted Bluetooth
<b>Barcode reader</b>	1D/2D (Factory option), all major standards supported
<b>Battery</b>	Li-ion, 1500mAh
<b>Smartphones Integrated</b>	iPhone 5, iPhone 5S iPod touch 5th generation
<b>Modularity</b>	Easy-to-insert spacer so merchant can switch from iPhone to iPod
<b>Dimensions</b>	132 x 72 x 32 mm (L x W x H)
<b>Weight (excluding smartphone)</b>	210 g
<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>	2 m, 6 faces on concrete
<b>Certifications</b>	CE, EMV L1 & L2, PCI PTS 2.1 & 3.0, PayPass™ 2.1, payWave 2.1.1, Interac, Expresspay, Discover, APACS CC, ABECs, APCA/CECS, WEEE, Anatel Compliant, C-Tick, Japan PSE/JATE, EP2, Chinese PCI, Apple MFI
<b>Available accessories</b>	USB connector cable, USB charger, holder for attaching iPhone 5/iPod touch 5 charging cables



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