

**OPERATIONAL DESCRIPTION**

**1.1. EUT description**

# iSMP | EMV mobile payment for iPod touch® & iPhone®

That's ingenico®



Turn iPod touch & iPhone into EMV Chip & PIN Secure Mobile Payment solution

- ▶ Easy payment “on the go” for Mobile Merchants
- ▶ Mobile POS & “Queue Busting” for Retailers





# iSMP | EMV mobile payment for iPod touch & iPhone



Universal payments  
EMV Chip & PIN, magnetic stripe and contactless card support

Worldwide payment coverage  
Plug & play with Ingenico's existing portfolio of Telium2 payment applications, available in more than 100 countries



2D Bar code reader  
for high productivity data capture, meeting retail & home delivery requirements



Rugged sleeve  
Device protection for retail, outdoor and mobility use cases



Made for iPhone 4, iPhone 3G, iPhone 3GS and iPod touch.  
Bluetooth connection to other devices



Complete mobility solution including long life battery, mobile Bluetooth printer, desktop cradle

and all other uses driven by your imagination...



iPhone and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

## 1.2. Related Submittal(s) / Grant(s)

All host equipment used in the test configuration are FCC granted, when relevant.

## 1.3. Tested System Details

The FCC IDs for all equipment, plus description of all cables used in the tested system are:

Commercial Name: **ISMP**

Reference:

- **IMP320-01T1446A** (*No barcode*)
- **IMP350-01T1450A** (*With barcode*) *model tested, worst case.*

### - Equipment under test (EUT):

**IMP350-01T1450A**

Serial number: PROTO1

#### **Base with power supply adaptor:**

PHIHONG PSC12A-050, 100-240VAC / 5A / 50-60Hz, output 5VDC / 2A (US plug)

PHIHONG PSC12R-050, 100-240VAC / 5A / 50-60Hz, output 5VDC / 2A (Multi plug)

#### **Micro USB power supply adaptor:**

PHIHONG PSAC05R-050, 100-240VAC / 300mA / 50-60Hz, output 5VDC / 1A, No: 05 rev: 01.

Internal max frequencies:

- Clock: 400MHz

### - Input/output:

- 2 x Power supply contacts (Base and Terminal)

- 1 x Mini USB, only used for recharge with power supply PHIHONG PSAC05R-050

- 1 x Dock connector

### - Cables:

- None

### • Auxiliaries equipment used during test:

- 1 x Iphone 4, Apple, Sn: 85034FMKA4S, configuration: plane mode.

### • Functions:

- 1 x Barcode, not used on base, tested only in configuration n<sup>2</sup>.

- 1 x CAM0, contact card reader, tested only in configuration n<sup>2</sup>.

## 1.4. Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4-2009 FCC Part 15 Subpart B.

Radiated testing was performed at an antenna to EUT distance of 10 meters. During testing, all equipment's and cables were moved relative to each other in order to identify the worst case set-up.

## 1.5. Test facility

Tests have been performed from January 11<sup>th</sup> to 24<sup>th</sup>, 2011.

This test facility has been fully described in a report and accepted by FCC as compliant with the radiated and AC line conducted test site criteria in ANSI C63.4-2009 in a letter dated March 25<sup>th</sup>, 2008 (registration number 94821). This test facility has also been accredited by COFRAC (French accreditation authority for European Union test lab accreditation organization) according to NF EN ISO/IEC 17025, accreditation number 1-1633 as compliant with test site criteria and competence in 47 CFR Part 15/ANSI C63.4 and EN55022/CISPR22 norms for 89/336/EEC European EMC Directive application. All pertinent data for this test facility remains unchanged.