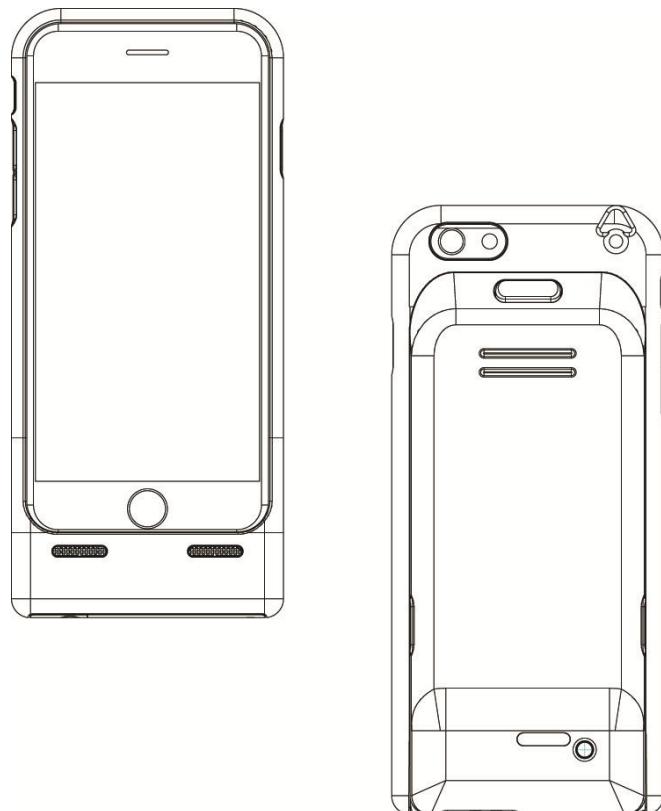


User Manual

Version 1.0 December 2016

iSAPPOS 4 / iSAPPOS 5 Scanner Jacket



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Manual Version 1.0

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Safety

Regulatory Information

Caution: Only use approved and UL Listed accessories, battery packs and battery chargers. Do NOT attempt to charge damp/wet mobile computers or batteries. All components must be dry before connecting to an external power source.

Power Supply

Use only the approved power supply 50-14000-148 output rated 5 Vdc and minimum 2 A. The power supply is certified to EN60950-1 with SELV outputs. Use of alternative power supply will invalidate any approval given to this device and may be dangerous.

Warning for Use of Wireless Devices

Please observe all warning notices with regard to the usage of wireless devices.

Potentially Hazardous Atmospheres

You are reminded of the need to observe restrictions on the use of radio devices in fuel depots, chemical plants etc. and areas where the air contains chemicals or particles (such as grain, dust, or metal powders) and any other area where you would normally be advised to turn off your vehicle engine.

Safety in Aircraft

Switch off your wireless device whenever you are instructed to do so by airport or airline staff.

Pacemakers

Pacemaker manufacturers recommended that a minimum of 15cm (6 inches) be maintained between a handheld wireless device and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with independent research and recommendations by Wireless Technology Research.

Persons with Pacemakers

Persons with Pacemakers should ALWAYS keep the device more than 15cm (6 inches) from their pacemaker when turned ON and hence they should not carry the device in a breast pocket .

Should use the ear furthest from the pacemaker to minimize the potential for interference.

If you have any reason to suspect that interference is taking place, turn OFF your device.

Hearing Aids

The wireless device may interfere with some hearing aids. In the event of interference you may want to consult your hearing aid supplier to discuss solutions.

Other Medical Devices

Please consult your physician or the manufacturer of the medical device, to determine if the operation of your wireless product may interfere with the medical device.

FCC/EU RF Exposure Guidelines

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



CE Marking and European Economic Area

The use of 2.4GHz RLAN's, for use through the EEA, have the following restrictions:

- Maximum radiated transmit power of 100 mW EIRP in the frequency range 2.400 -2.4835 GHz
- France, outside usage is restricted to 2.4 - 2.454 GHz.
- Italy requires a user license for outside usage.

Bluetooth® Wireless Technology for use through the EEA has the following restrictions:

- Maximum radiated transmit power of 100mW EIRP in the frequency range 2.400 -2.4835 GHz
- France, outside usage is restricted to 10mW EIRP
- Italy requires a user license for outside usage.

Battery Information

Our rechargeable battery packs are designed and constructed to the highest standards within the industry.

However, there are limitations to how long a battery can operate or be stored before needing replacement.

Many factors affect the actual life cycle of a battery pack, such as heat, cold, harsh environmental conditions and severe drops.

When batteries are stored over six (6) months, some irreversible deterioration in overall battery quality may occur. Store batteries discharged in a dry, cool place, removed from the equipment to prevent loss of capacity, rusting of metallic parts and electrolyte leakage. When storing batteries for one year or longer, they should be charged and discharged at least once a year. If an electrolyte leakage is observed, avoid any contact with affected area and properly dispose of the battery. Batteries must be charged within the 32° to 95° F (0° to +35° C) ambient temperature range.

Replace the battery when a significant loss of run time is detected.



Battery Caution

Risk of explosion if battery is replaced by an incorrectly type.

Dispose of used battery according to the local disposal instructions.



Waste Electrical and Electronic Equipment (WEEE)

English: For EU Customers: All products at the end of their life must be returned to the reseller for recycling.

Notational Conventions

The following conventions are used in this document:

- Italics are used to highlight specific items in the general text, and to identify chapters and sections in this and related documents.
- bullets (•) indicate:
 - action items
 - lists of alternatives
 - lists of required steps that are not necessarily sequential
 - Sequential lists (e.g., those that describe step-by-step procedures) appear as numbered lists.

NOTE This symbol indicates something of special interest or importance to the reader.

Failure to read the note will not result in physical harm to the reader, equipment or data.

CAUTION This symbol indicates that if this information is ignored, the possibility of data or material damage may occur.

WARNING! This symbol indicates that if this information is ignored the possibility that serious personal injury may occur.

Revision History

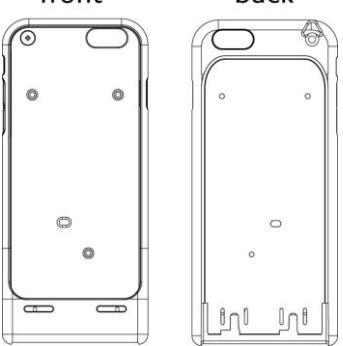
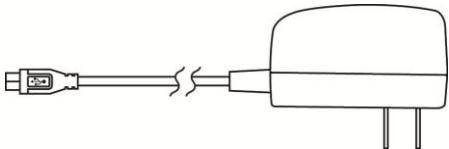
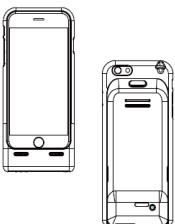
Version	Date	Description
1.0	December 2016	Initial release

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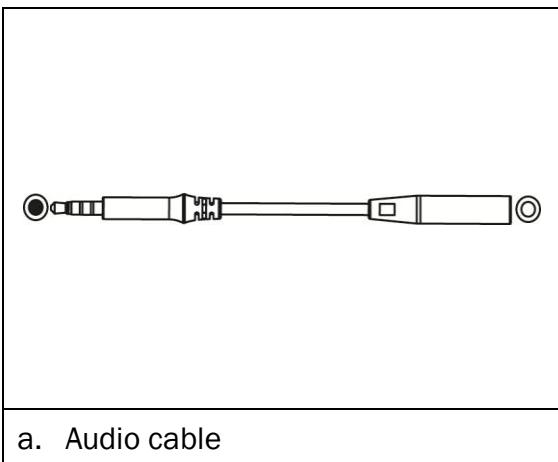
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1 Item Checklist

1-1 Standard Items

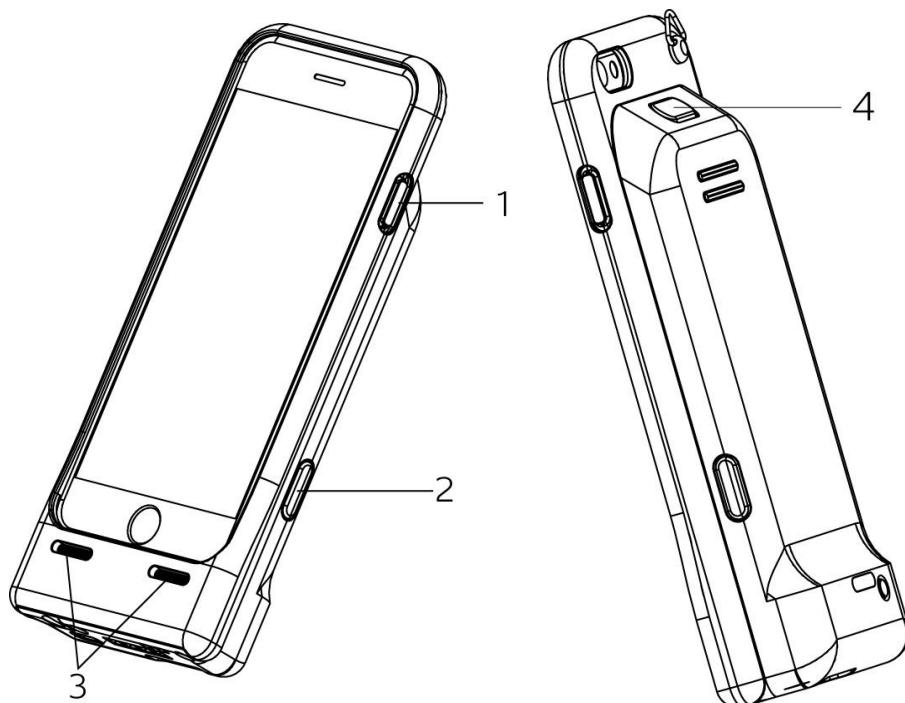
	
a. Main unit	b. Top cover of iSAPPOS 4 or iSAPPOS 5
	
c. Power cable	d. Hand strap
	
e. Quick start guide	

1-2 Optional Items

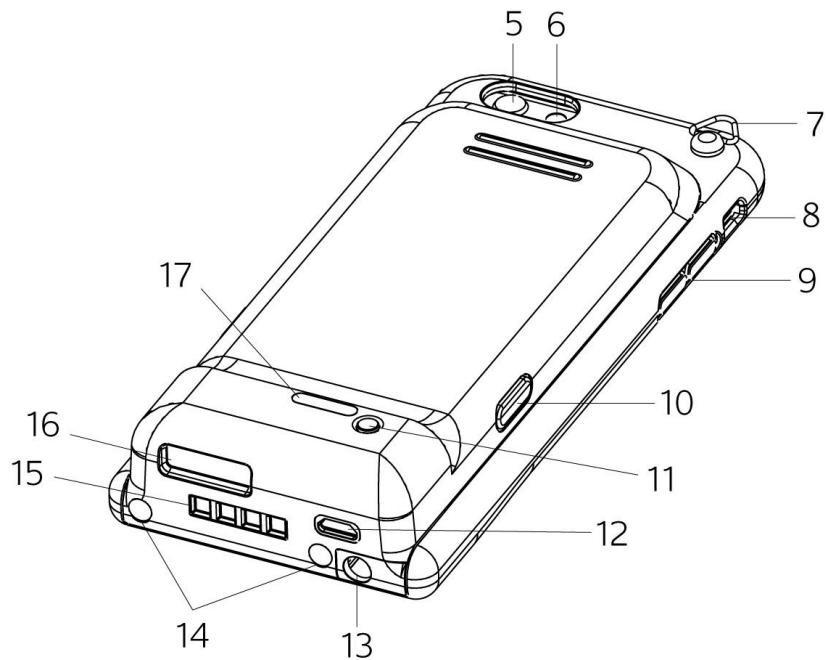


2 System View

2-1 Features



No.	Description
1	iPhone 6/6S or iPhone 6/6S Plus sleep/wake button
2	Scan button (left)
3	Speaker
4	Scan button (top)



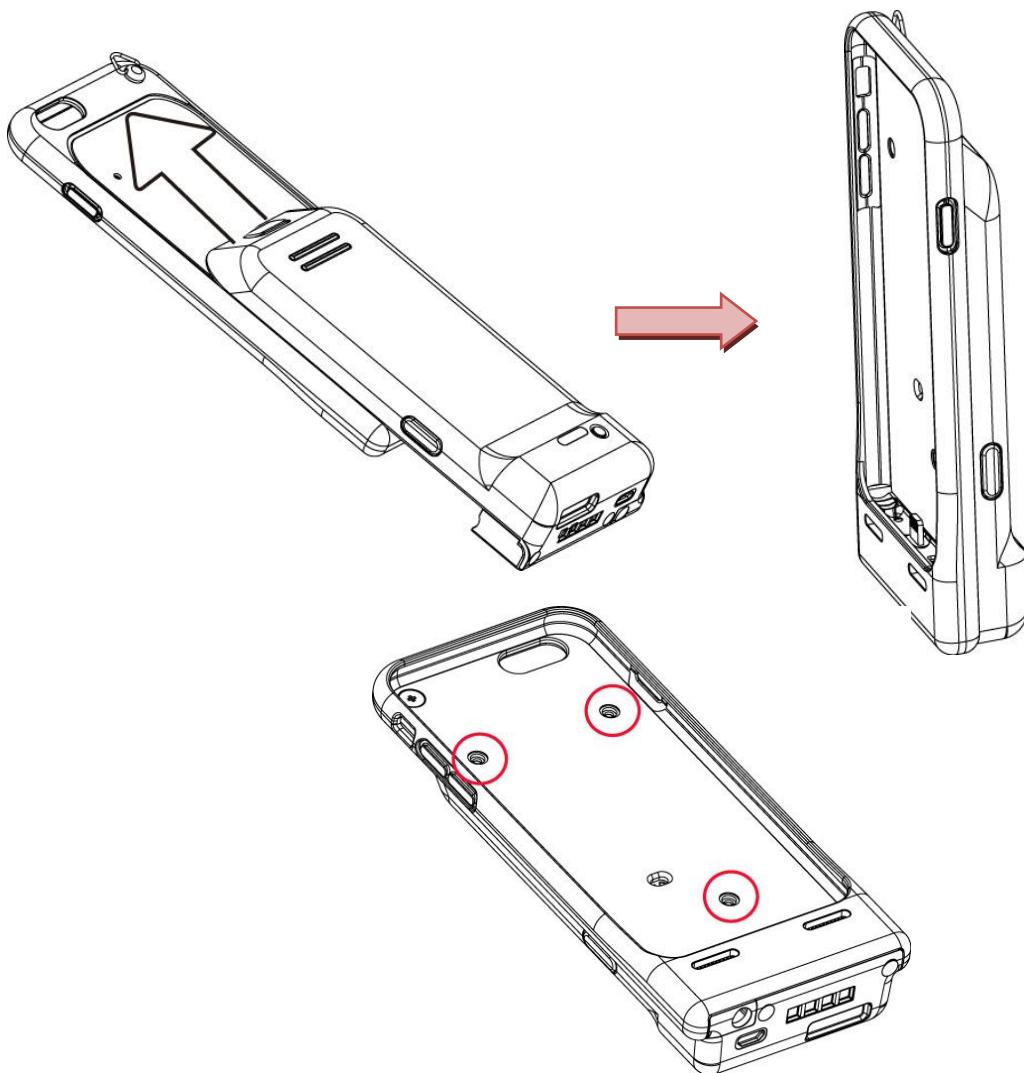
No.	Description
5	iPhone 6/6S or iPhone 6/6S Plus iSight camera
6	iPhone 6/6S or iPhone 6/6S Plus LED flash
7	Neck strap
8	iPhone 6/6S or iPhone 6/6S Plus ring/silent switch
9	Volume buttons
10	Scan button (right)
11	Power button
12	Micro USB
13	Audio jack
14	Rubber pads
15	Charging slot
16	Scanner
17	Power LED light indicator

2-2 Specification

Model Name		iSAPPOS 4 / iSAPPOS 5 Scanner Jacket
External I/O Ports		
USB port	1 x USB 2.0 Micro USB (Charging)	
Lightening port	1 - charging to Phone (5V,1A)	
Power		
Power adapter	5V/12W	
Battery	3.7V, 1100mAh (Not charging to iPhone)	
Control / Indicator		
Physical button	3 x scan button, 1 x battery status button, 1 x power switch	
LED indicator	4 LEDs for battery status	
Audio indicator	1 x electromagnetic buzzer	
Peripherals		
Scanner	2D barcode scanner	
RFID reader	13.56 MHz , ISO 14443 A	
Attached cable	Audio cable X1	
Environment		
EMC & safety	FCC Class B, CE, LVD	
ESD	4kV contact discharge, 8kV air discharge	
Operating temperature (None charging mode)	0°C ~ 40 °C (32 °F ~ 104 °F)	
Operating temperature (Charging mode)	0°C ~ 35 °C (32 °F ~ 95 °F)	
Storage temperature	-10 °C ~ 45 °C (14 °F ~ 114 °F)	
Humidity	20% ~ 85% RH non condensing	

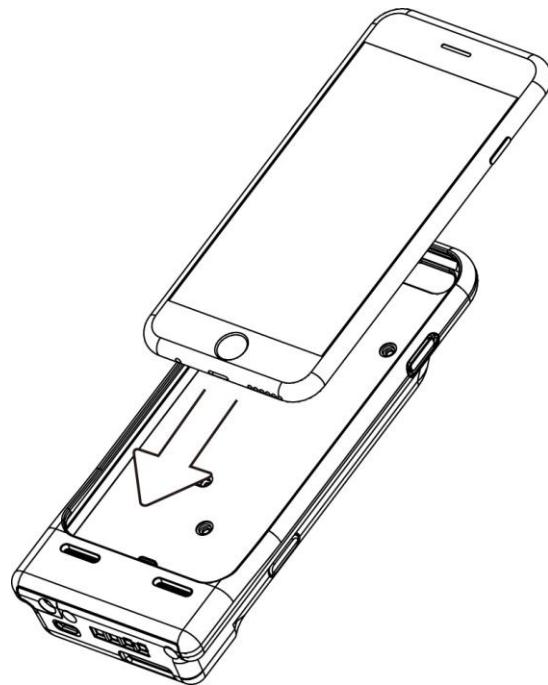
3 Getting Started

3-1 Assemble the iSAPPOS 4 / 5 Scanner Jacket



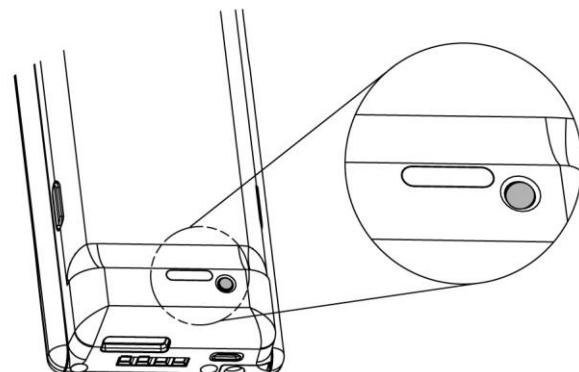
1. Slide the main unit into the top cover of iSAPPOS 4 or iSAPPOS 5 jacket.
2. Fasten the screws(x3) to secure the main unit as the picture shown.

3-2 Install iPhone into the iSAPPOS 4 / 5 Scanner Jacket



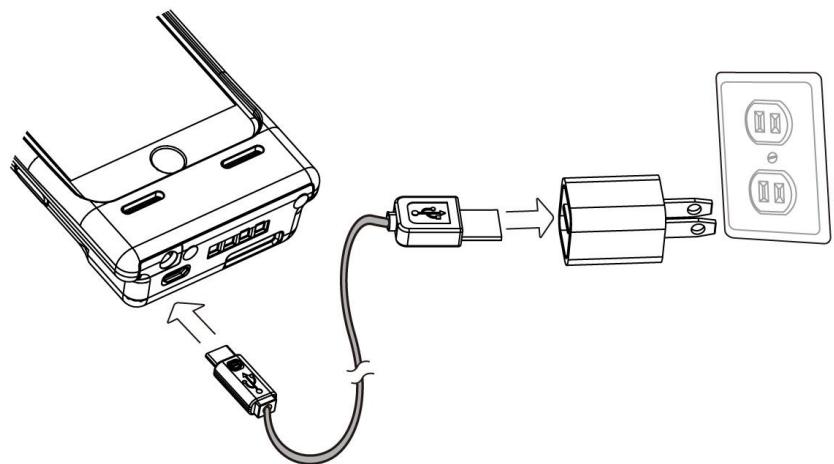
1. Thoroughly clean your iPhone 6/6S or iPhone 6/6S Plus with cloth. Avoid scratching the screen during normal use.
2. Align and insert the iPhone 6/6S or iPhone 6/6S Plus into iSAPPOS 4 / iSAPPOS 5 jacket and press firmly all around the jacket to ensure iPhone 6/6S or iPhone 6/6S Plus is completely fixed.

3-3 Power On/ Power Off



1. Push the power button to turn on the system and hold 3 seconds to turn off the system.

3-4 Charging the Device



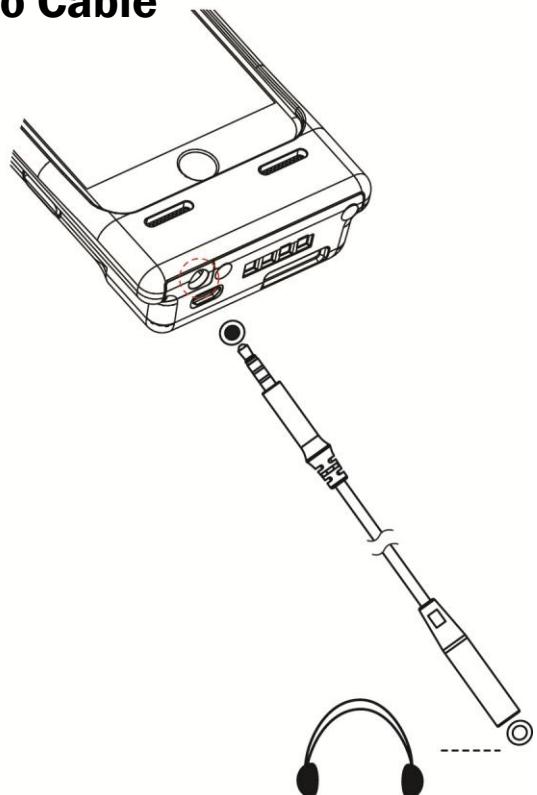
1. Charging the device using the computer.

Plug the end of the USB connector into your computer's USB port. Make sure the computer is turned on and not in Sleep mode.

2. Charging the device using the power outlet.

Plug the USB end of the power adapter cable into the AC power adapter and then Connect the AC ad adapter to an electrical outlet.

3-5 Install the Audio Cable



1. Insert the 3.5 mm audio cable plug into the connector on the system until fully seated.