

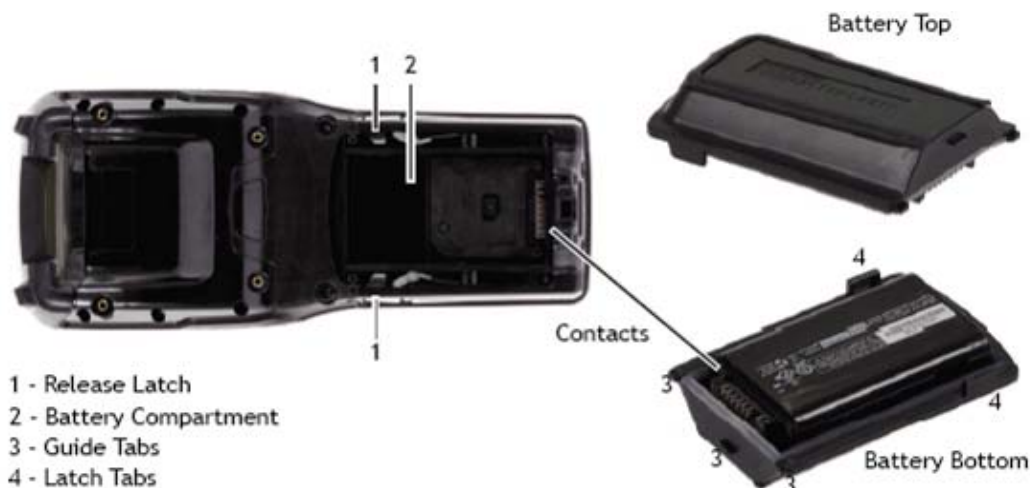
# Installation Instruction

**Important:** All Approval and safety information is outlined in the ‘OMNII Handheld-computer User Manual’ – part number 8100157. This manual is available on our website [www.pSION.com](http://www.pSION.com) through the community website <http://community.pSION.com/home/default.aspx>.

**Important:** The OMNII with the RFID option must not be held closer than 20 cm from the rest of the body. This product must not be used in a holster or on a belt-clip.

Easily installable expansion modules for the OMNII allow you to customise this hand-held to meet your specific mobile computing requirements. This chapter outlines how to install the RFID Module HF-AM1-OMNII. Before installing a module in the OMNII, all power sources must be turned off.

- Remove the Battery Pack. If your unit is using AC power, disconnect it:  
Press the two latch buttons at the sides of the compartment simultaneously, and slide the battery out.



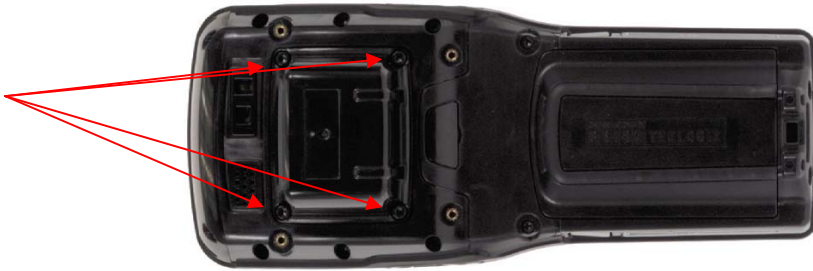
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TITLE: INSTRUCTION SHEET HF-AM1-OMNII RFID MODULE		DRAWN BY: Nicolas FORNIER		DATE: 11/03/23
http://plm.ad.pSION.com/Windchill/Library/Templates/Installation Instruction_Portrait_Template.doc		SIZE A	DRAWING NO. <b>8000236</b>	REV. <b>A.0</b>
		SHEET 1 OF 8		

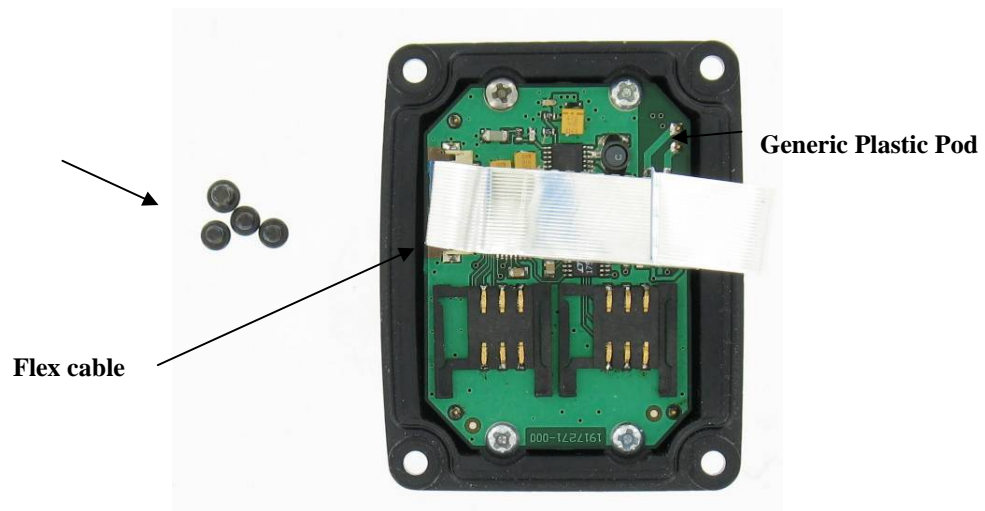
- Remove the existing Scanner pod or blank plate.
  1. Remove the four M3X5 Torx screws securing the scanner pod on the main housing.
  2. Lift the Pod or plate from the unit
  3. Disconnect the scanner flex cable from the unit.



You can now install the RFID Module HF-AM1-OMNII

### ➤ **Installing the RFID Module:**

The RFID Module HF-AM1-OMNII includes one slim plastic pod, one flex cable and four M3X5MM Torx screws.

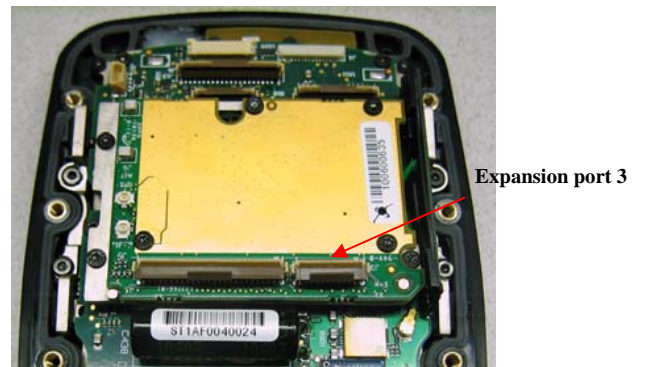
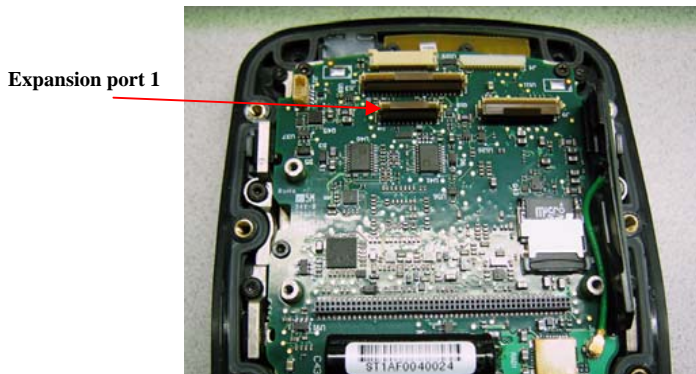


PART NUMBER:	<b>8000236</b>	REV:	<b>A.0</b>
	SHEET	2	OF 10

- Connect the Flex cable to the RFID Module HF-AM1-OMNII as shown hereafter:



- The RFID module HF-AM1-OMNII can be plugged on the OMNII using either expansion port 1 or expansion port 3. (GPS option)



1. **Expansion port 1:** Connect the Flex cable to the main logic board as shown hereafter:



PART NUMBER:	<b>8000236</b>	REV:	<b>A.0</b>
	SHEET	3	OF 10

2. **Expansion port 3:** Connect directly the Flex cable to the radio card as shown hereafter:



- Seat the Slim RFID pod on the main housing
- Insert and tighten four M3X5 T10 Torx screws to secure the RFID pod module to the main housing



○ **Install the Battery Pack:**

Slide the charged battery with the contoured plastic facing you into the unit with the contacts matching position and the guide tabs moving into the corresponding slots at the base of the compartment. Click both sides of the battery into place.

PART NUMBER:	<b>8000236</b>	REV:	<b>A.0</b>
	SHEET	4	OF 10

➤ **Adding SAM cards:**

To add Sam cards, you have to open the Slim RFID Pod.

- Remove the four Torx screws around of the pod.
- Insert one or two SAM cards in their sockets:



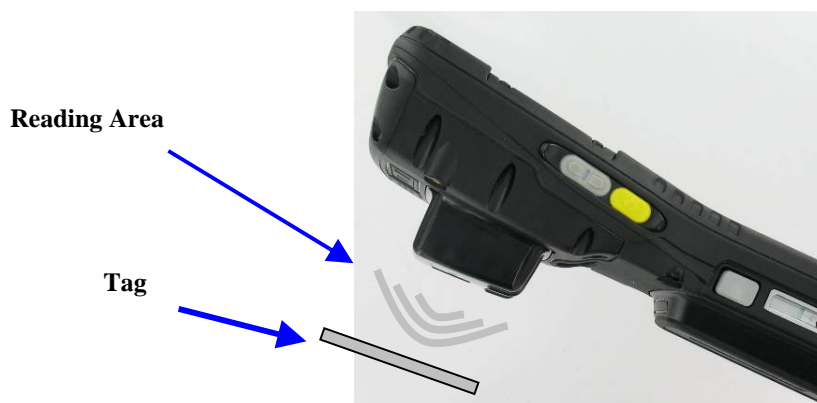
- Seat The RFID pod on the main housing and tighten four Torx screws.

For detailed instructions, please refer to the OMNII Hand-Held Computer User Manual and to the RFID MODULE HF-AM1-OMNII User manual. These manuals are available on our website [www.pSION.com](http://www.pSION.com) through the PSION community website <http://community.pSION.com/home/default.aspx>.

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➤ **Reading area:**

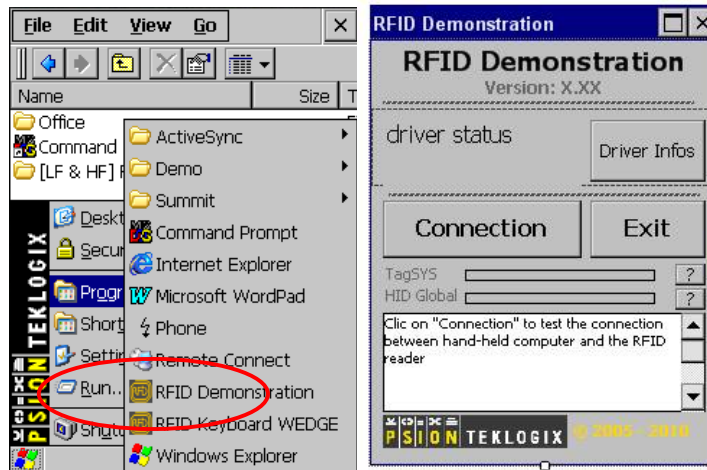
This area depends on the TAG type, TAG packaging, Tag position and environment (metallic or not).



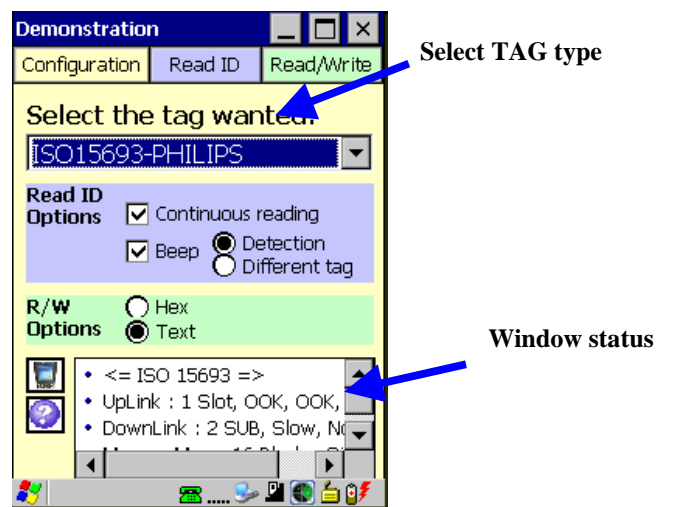
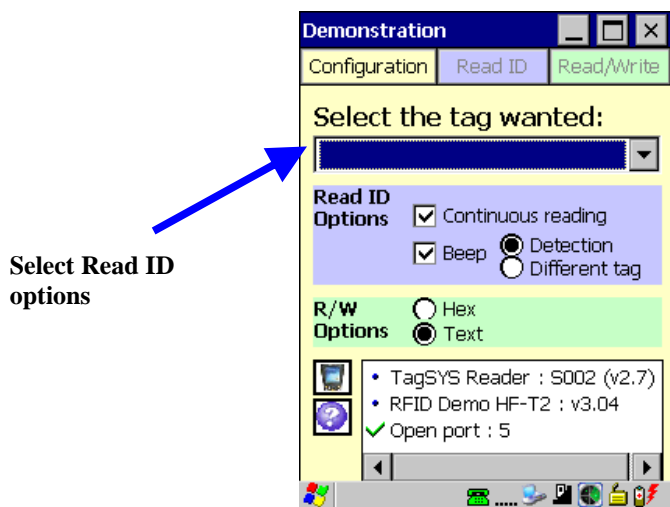
PART NUMBER:	<b>8000236</b>	REV:	<b>A.0</b>
	SHEET	5	OF 10

➤ **Software installation:**

- Copy and install the two CAB file named “[LF & HF] RFID Tools.v5.0.CAB” and “RFID Driver\_OMNII\_HF\_AM1\_OMNII.CAB”
- After installation, select “RFID Demonstration” in Programs, the connection panel opens:

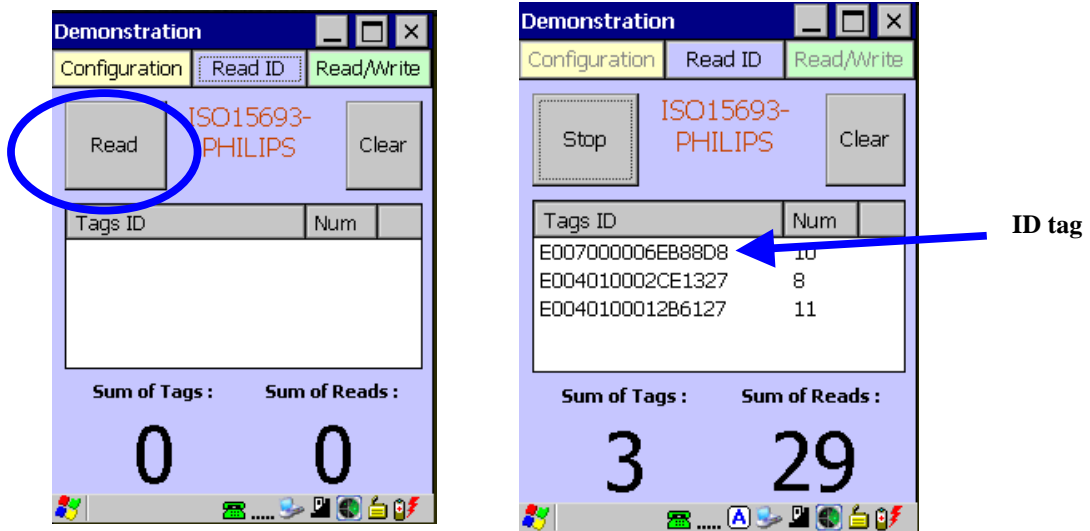


- In Connection panel, Click on Driver Infos button ,If the driver status is “the driver is not installed” , Install the Driver\_OMNII\_HF\_AM1\_OMNII.CAB”
- Click on the Connection button to launch the RFID demo. The configuration tab opens :



PART NUMBER:	8000236	REV:	A.0
	SHEET	6	OF 10

- To read the ID of a TAG, select Read tab and press the Read button. Put the TAG in front of the antenna.



PART NUMBER:	<b>8000236</b>	REV:	<b>A.0</b>
	SHEET	7	OF 10



<b>OMNII RFID MODULE HF-AM1-OMNII</b> <b>RFID Regulatory Information</b>
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**IMPORTANT NOTE FOR NORTH AMERICA:**

The RFID must not be used whilst the host OMNII is being powered by the ac/dc adaptor.

**FCC Information to Users:**

This product and its antennas must not be co-located or operated in conjunction with any other antenna or transmitter.

**Radiation Exposure Compliance**

**This product complies with the FCC RF exposure limits for an uncontrolled environment. For continued compliance, the product must not be held closer than 20 cm from the rest of the body. This product must not be used in a holster or on a belt-clip.**

Federal Communication Commission Interference 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 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 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 UNDESIRE OPERATION.**

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

**Emissions Information for Canada:**

This Class B digital apparatus complies with Canadian ICES-003.  
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is Subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

PART NUMBER:	<b>8000236</b>	REV:	<b>A.0</b>
	SHEET	8	OF 10



## CE Marking

When used in a residential, commercial or light industrial environment the product and its approved UK and European peripherals fulfil all requirements for CE marking.

### R&TTE Directive 1999/5/EC

This equipment complies with the essential requirements of EU Directive 1999/5/EC (Declaration available: [www.pSIONteklogix.com/DoC](http://www.pSIONteklogix.com/DoC)).

Cet équipement est conforme aux principales caractéristiques définies dans la Directive européenne RTTE 1999/5/CE. (Déclaration disponible sur le site: [www.pSIONteklogix.com/DoC](http://www.pSIONteklogix.com/DoC)).

Die Geräte erfüllen die grundlegenden Anforderungen der RTTE-Richtlinie (1999/5/EG). (Den Wortlaut der Richtlinie finden Sie unter: [www.pSIONteklogix.com/DoC](http://www.pSIONteklogix.com/DoC)).

Questa apparecchiatura è conforme ai requisiti essenziali della Direttiva Europea R&TTE 1999/5/CE. (Dichiarazione disponibile sul sito: [www.pSIONteklogix.com/DoC](http://www.pSIONteklogix.com/DoC)).

Este equipo cumple los requisitos principales de la Directiva 1999/5/CE de la UE, "Equipos de Terminales de Radio y Telecomunicaciones". (Declaración disponible en: [www.pSIONteklogix.com/DoC](http://www.pSIONteklogix.com/DoC)).

Este equipamento cumpre os requisitos essenciais da Directiva 1999/5/CE do Parlamento Europeu e do Conselho (Directiva RTT). (Declaração disponível no endereço: [www.pSIONteklogix.com/DoC](http://www.pSIONteklogix.com/DoC)).

Ο εξοπλισμός αυτός πληροί τις βασικές απαιτήσεις της κοινοτικής οδηγίας EU R&TTE 1999/5/EK. (Η δήλωση συμμόρφωσης διατίθεται στη διεύθυνση: [www.pSIONteklogix.com/DoC](http://www.pSIONteklogix.com/DoC))

Deze apparatuur voldoet aan de noodzakelijke vereisten van EU-richtlijn betreffende radioapparatuur en telecommunicatie-eindapparatuur 199/5/EG. (verklaring beschikbaar: [www.pSIONteklogix.com/DoC](http://www.pSIONteklogix.com/DoC)).

Dette udstyr opfylder de Væsentlige krav i EU's direktiv 1999/5/EC om Radio- og teleterminaludstyr. (Erklæring findes på: [www.pSIONteklogix.com/DoC](http://www.pSIONteklogix.com/DoC)).

Dette utstyret er i overensstemmelse med hovedkravene i R&TTE-direktivet (1999/5/EC) fra EU. (Erklæring finnes på: [www.pSIONteklogix.com/DoC](http://www.pSIONteklogix.com/DoC)).

Utrustningen uppfyller kraven för EU-direktivet 1999/5/EC om ansluten teleutrustning och ömsesidigt erkännande av utrustningens överensstämmelse (R&TTE). (Förklaringen finns att läsa på: [www.pSIONteklogix.com/DoC](http://www.pSIONteklogix.com/DoC)).

Tämä laite vastaa EU:n radio- ja telepäätelaitedirektiivin (EU R&TTE Directive 1999/5/EC) vaatimuksia. (Julkilausuma nähtävillä osoitteessa: [www.pSIONteklogix.com/DoC](http://www.pSIONteklogix.com/DoC)).

PART NUMBER:	<b>8000236</b>	REV:	<b>A.0</b>
	SHEET	9	OF 10

PART NUMBER:	<b>800236</b>	REV:	<b>A.0</b>
	SHEET	10	OF 10