Installation Instruction

Important: All Approval and safety information is outlined in the 'NEO Handheld-computer User Manual' – part number 8100157. This manual is available on our website www.psion.com through the community website http://community.psionteklogix.com/home/default.aspx.

Important: **The NEO 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 NEO allow you to customise this hand-held to meet your specific mobile computing requirements. This chapter outlines how to install the RFID Module UHF-CAQ-AC5-NEO.
Before installing a module in the NEO, all power sources must be turned off.

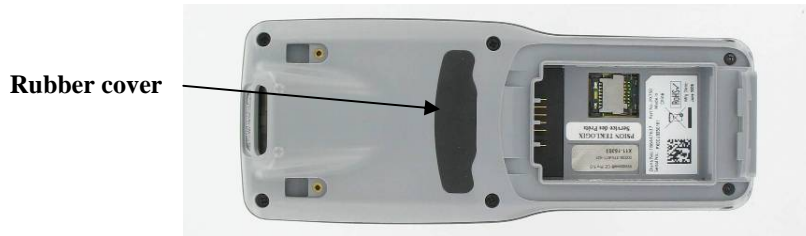- Remove the batteries. If your unit is using AC power, disconnect it:

TITLE: PX 3083 – RFID Module UHF-CAQ-AC5		DRAWN BY: Benjamin Limongi	DATE: 07/04/2011
http://plm.ad.psion.com/Windchill/Library/Templates/Installation Instruction_Portrait_Template.doc	SIZE A	DRAWING NO.	REV. A.0
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- Remove the rubber cover to reveal the expansion port:

Rubber cover

- Remove also the black Mylar mask to ensure a proper connection:

Mylar mask

- Once the Mylar mask is removed your extension port should look like the picture below:

You can now install the RFID Module UHF-CAQ-AC5-NEO.

- **Installing the RFID Module:**

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The RFID Module UHF-CAQ-AC5 includes:

➔ 1 UHF add-on CAQ-AC5
➔ 2 screws M2x8

1. Snap the RFID module UHF-CAQ-AC5-NEO using the upper mounting slots

2. Fasten firmly the Plastic back pack to the NEO using the two M2X8MM screws
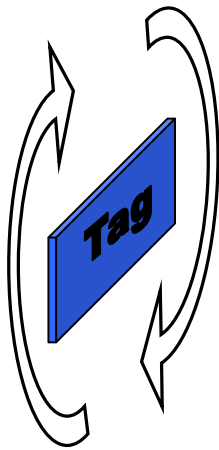
M2X8MM screws
P/N 9010741

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- **Reading area:**

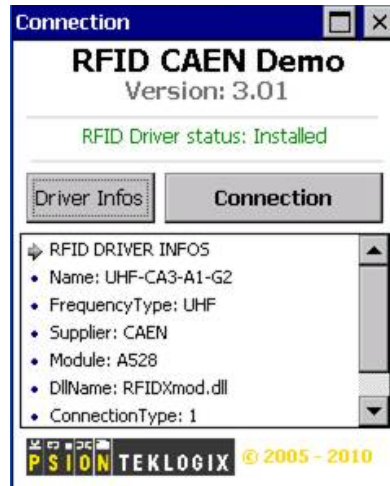This area depends on the TAG type, TAG packaging, Tag orientation and environment (metallic or not).

Circular antenna

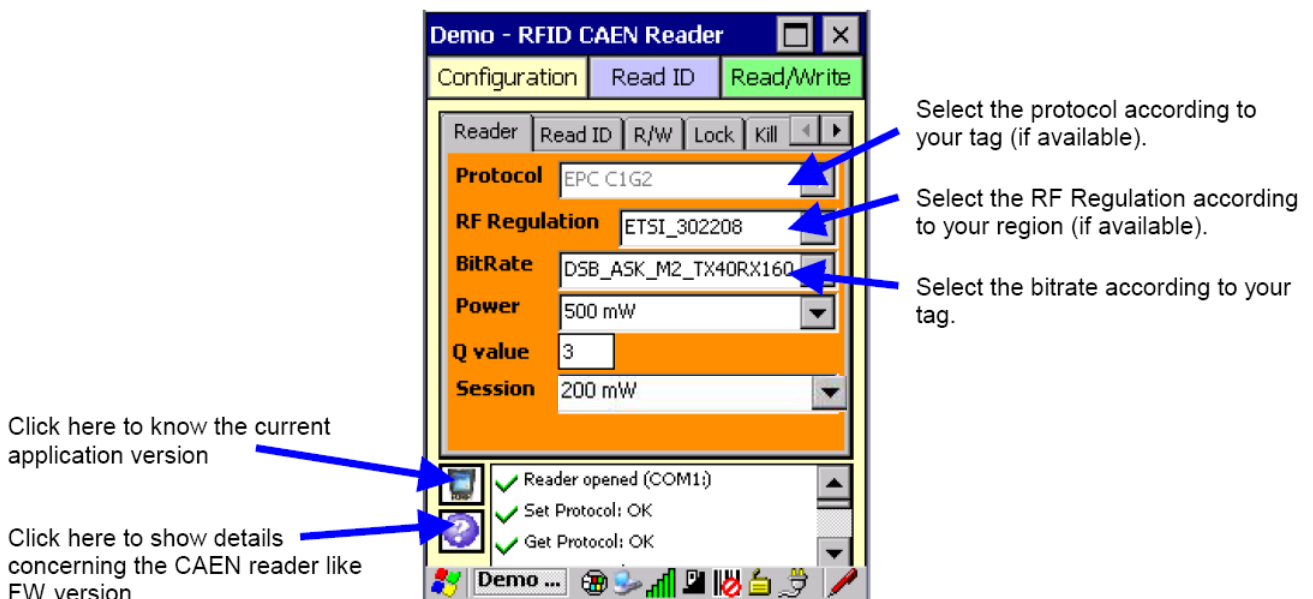| PART NUMBER:			REV:	A.0
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- **Software installation:**

  1. Copy and install the two CAB files named "[UHF] CAEN tools 3.01.CAB" and "RFIDDriver_NEO_UHF_NEO.CAB"
 2. After installation, select "CAEN Demo" in Programs, the connection panel opens:

  3. In Connection panel, Click on Driver Infos button ,If the driver status is "the driver is not installed" , Install the RFIDDriver_NEO_UHF_NEO.CAB "

  4. Click on the Connection button to launch the RFID demo. The configuration tab opens :

- To configure CAEN Demo, select the configuration tab.

Click here to know the current application version

Click here to show details concerning the CAEN reader like FW version

Select the protocol according to your tag (if available).

Select the RF Regulation according to your region (if available).

Select the bitrate according to your tag.

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

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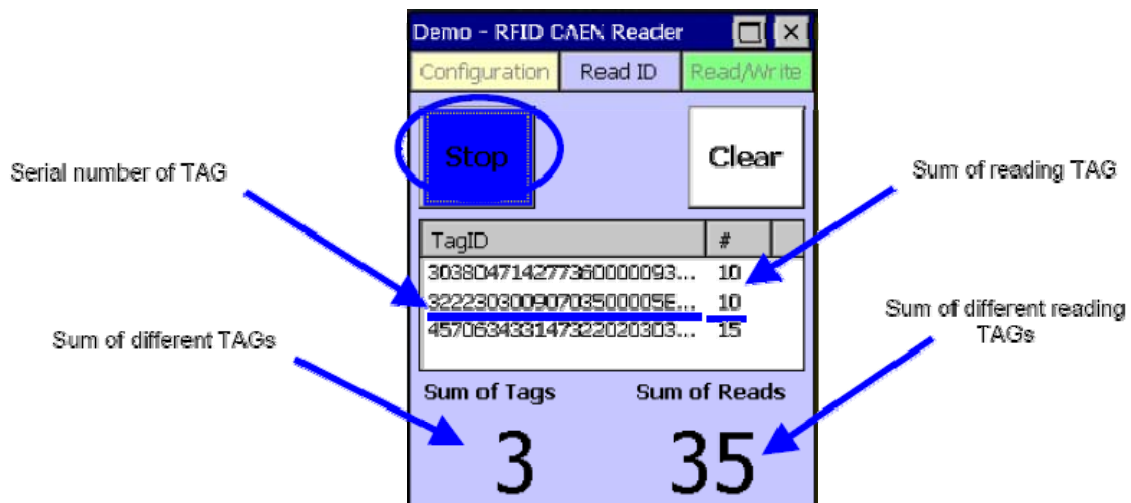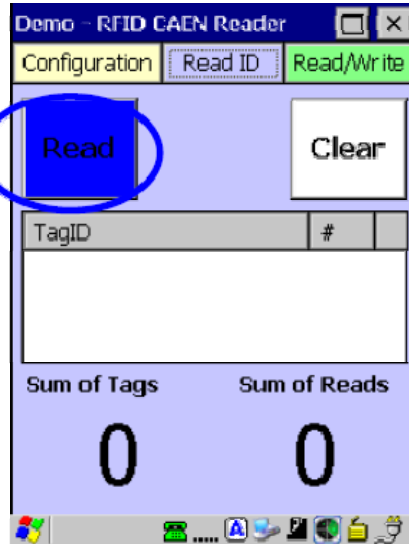
RFID MODULE UHF-CAQ-AC5-NEO
RFID Regulatory Information

IMPORTANT NOTE FOR NORTH AMERICA:

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

FCC Information to Users:

This product and it 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 undesired 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.

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