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# IMPROX RRA

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## ImproX (RRA) 125 kHz Registration Reader Antenna INSTALLATION MANUAL

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### SPECIFICATIONS

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| <b>Working Environment</b> ..... | The ImproX RRA is designed to work in an indoor environment similar to IP42. The ImproX RRA is, therefore, NOT sealed against water. |
| <b>Buzzer</b>                    |  |
| Tone.....                        | Four volume, single tone (Software may support single tone only).  |
| <b>Status Indicators</b>         |  |
| Status LED.....                  | Bi-coloured Red or Green.  |

### INSTALLATION INFORMATION

#### Accessories

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Find the following when unpacking the ImproX RRA:

- An ImproX (RRA) 125 kHz Registration Reader Antenna housed in a Natural, Anodised, Aluminium extruded Cabinet. The ImproX RRA consists of a Front Cover, a Base Frame and two Side Plates (the assembly includes 2 m (6.56 ft) of flat, 6-core Cable).
- An extra Serial Number Label.

#### General

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Remember the following when installing the ImproX RRA:

#### Distance between the Registration Interface and the ImproX RRA

The maximum cable distance between the ImproX Registration Interface and the ImproX RRA, MUST NOT exceed 2 m (6.56 ft).

## CONNECTING THE REGISTRATION READER ANTENNA

**CAUTION:** Make certain that you place the ImproX RRA on a vibration-free surface.

**CAUTION:** DO NOT place the ImproX RRA within 500 mm (19.68 in) of the PC Monitor or any other 125 kHz device. Doing so, may reduce the reading range of the ImproX RRA.

*NOTE:* It is not necessary to attach the ImproX RRA to a building; therefore no mounting information appears in this Installation Manual.

1. Connect the ImproX RRA as shown in Figure 1.
2. On first time connection of the ImproX RRA, the PC prompts for installation of the necessary Drivers (stored on the IXP220 or ImproNet Software CD).

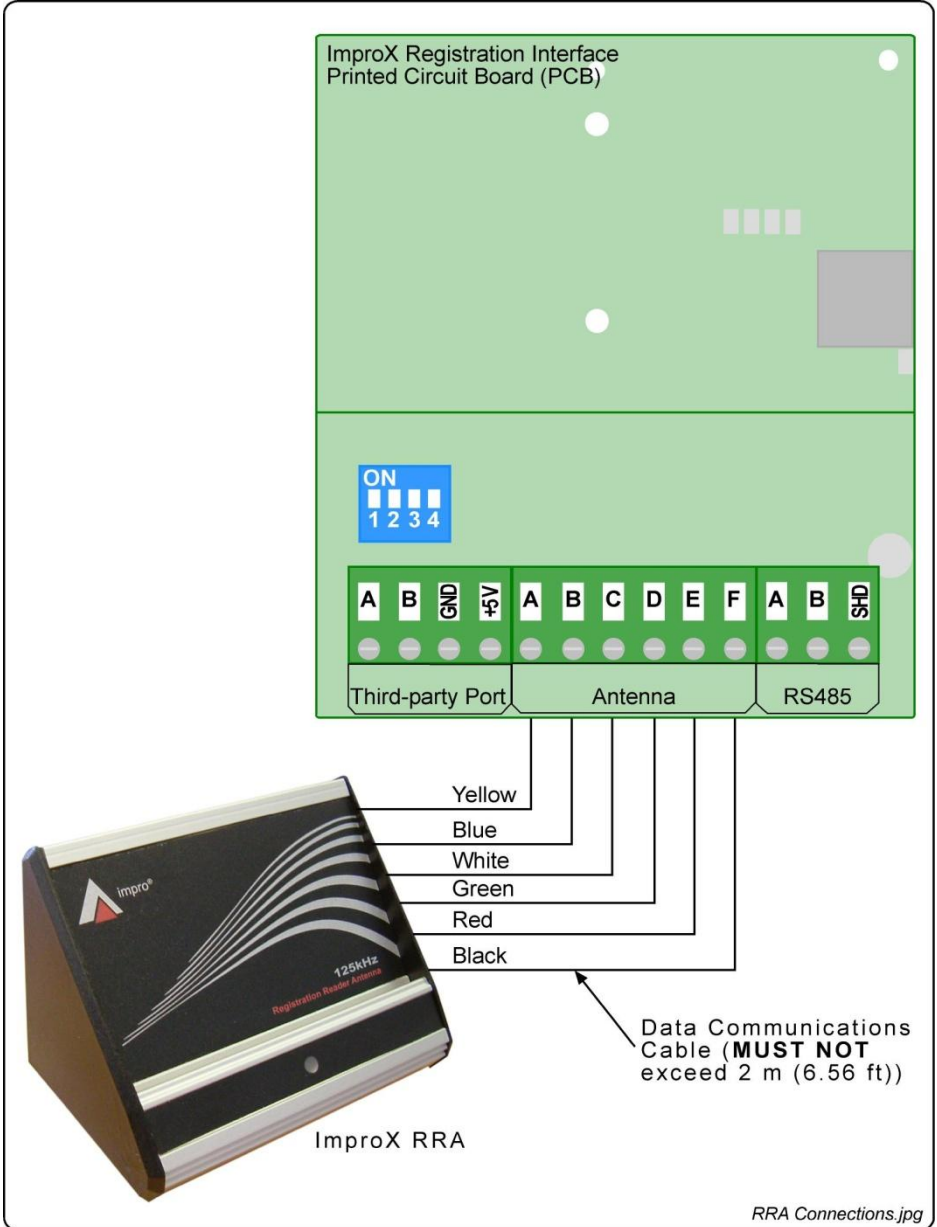
*NOTE:* Further connections on the same PC will not call for reloading the Drivers.

3. Place the ImproX RRA in a convenient location near the Host PC.

Blank Space

## Connecting the ImproX RRA

Figure 1 shows a detailed connection diagram for the ImproX RRA.



**Figure 1: Typical ImproX RRA Electrical Connections**

**NOTE:** *On powering up, the ImproX RRA will produce a beep sound and the Status LED will illuminate solid Red.*

*The ImproX RRA will not read Tags until configured in the Software. Details of these procedures are located in the IXP220 or IXP300 and IXP400 Software Manuals.*

## **Serial Number Label**

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The loose Serial Number Label (packaged with the ImproX RRA) identifies the type of product and it's Serial Number.

## **GUARANTEE OR WARRANTY**

This product conforms to our Guarantee or Warranty details placed on our Web Site, to read further please go to [www.impro.net](http://www.impro.net).



This manual is applicable to the ImproX (RRA) 125 kHz Registration Reader Antenna, XRR901-1-0-GB-02. (The last two digits of the Impro stock code indicate the issue status of the product).

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