Omni-ID, Inc

**Hardware Package**

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# Package contents

* 2 Proview test tags (3”)
* 4 AA batteries (individually packed)
* 1 Gateway
* 1 Gateway antenna
* 1 Gateway power supply
* 1 Ethernet cable

## Proview test tags:

There are two 3” Proview test tags included in your package. These tags will enable you to test the functionality of the Omni Middleware API we have provided you, and should help get you started writing your own code against our API. On each of the tags is a sticker with a barcode and textual representation of the tag’s UID. This UID is used to identify the tags when sending commands using the API. Note that, due to excessive battery usage during testing, these tags are each fitted with an AA battery pack enabling you to swap out batteries should the provided ones die. Each tag takes two AA batteries which may be changed at any time.

## AA batteries:

These are intended for use in powering the included Proview test tags.

## Gateway:

The Gateway (small metal box) is used to communicate with the tags over radio. This should be connected (via Ethernet) to a machine running the provided software. The Gateway has several lights which may be used to diagnose the current state of the Gateway:

* There should be a red light, closest to the power source, which indicates that the Gateway is powered
* Near the center of the Gateway is a blue light which serves as the kernel’s heartbeat; if the Gateway is powered and this is not flashing, there is a problem with the Gateway and it should be power cycled
* Closest to the radio antenna is a green light which flashes whenever data is received by the radio module
* Finally there is another light near the center of the Gateway which represents when data from the radio transmitter is being processed; this light should generally flash along with the radio module light

For more detailed instructions on setting up the Gateway, please refer to the installation document.

## Gateway antenna:

This antenna should be attached to the Gateway before use by screwing it into the ‘Data A’ port on the Gateway.

## Gateway power supply:

The power supply should be screwed onto the Gateway’s power port and plugged in before the Gateway is used.

## Ethernet cable:

The Ethernet cable is included so that you may connect a PC to the Gateway which will allow communication between the Gateway and the Windows services included with the Omni Middleware API. For further information on setting this up, please refer to the installation document.