



AgriRent AWR100/200 Manual

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Sheepdata – Agrident AWR100/200

The object of this document is to explain the link and operation of the Agrident AWR Readers and Sheepdata. It is divided into three sections, each explained in a chapter.

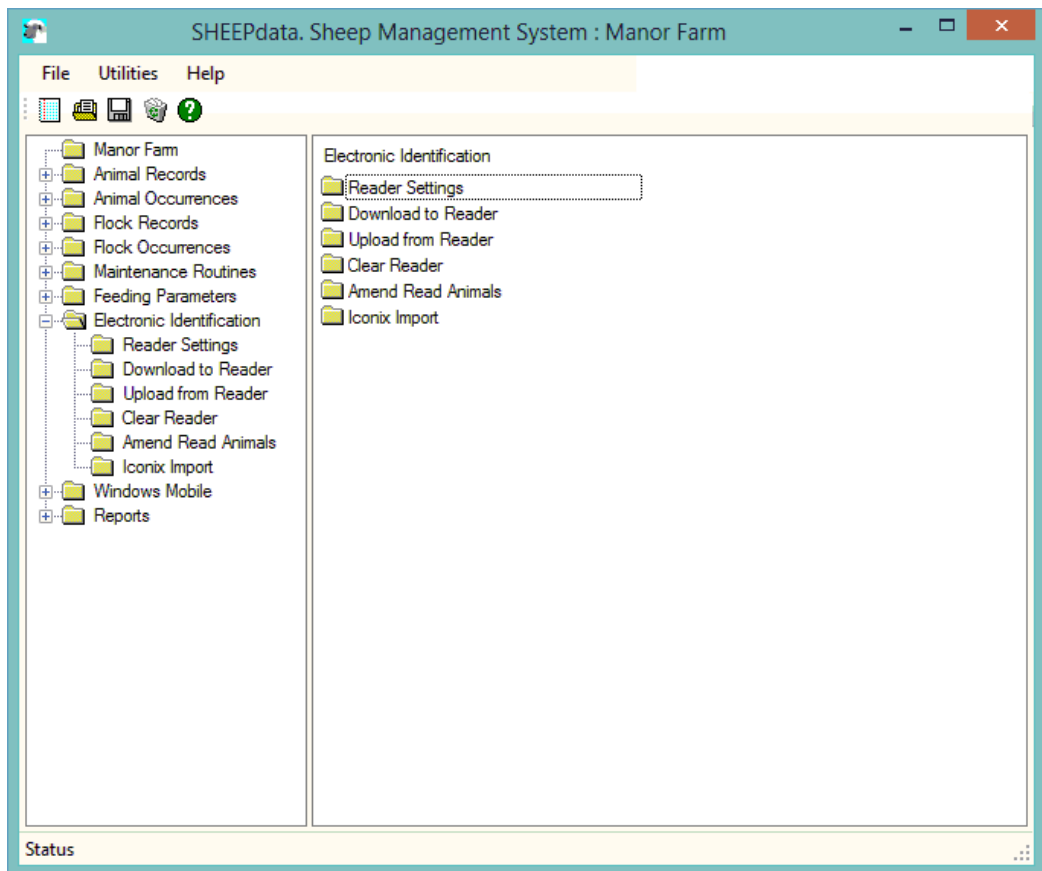
1. Sheepdata Setup
2. Upload from Reader
3. Using Readings in Occurrences

It is intended to be a guide to the main procedures you may wish to use with Sheepdata.

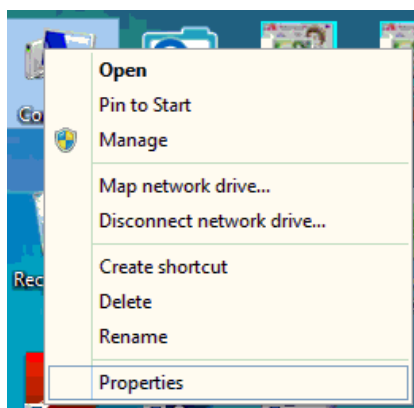
For detailed operation of the AWR100/200 reader please use in conjunction with the Agrident manuals.

These are available at www.agrident.com Go to Support and Software downloads.

When Sheepdata has the EID Module enabled the menu options below become available. These enable communication with a range of readers.



The AWR communicates through a serial com port. This may require a USB/Serial port converter on some machines. This com port has be identified and set in sheepdata. To find the com port:-



Right Click on the Computer Icon on the screen or click on the Start button and right click on the Computer Icon.

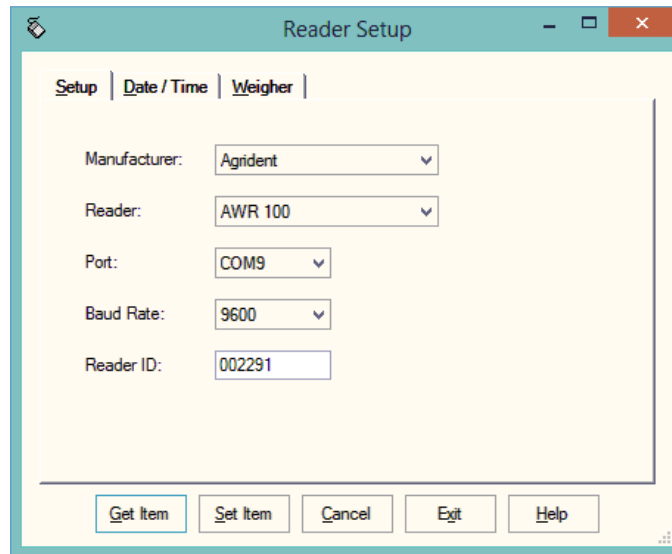
Click Properties.

Click Device Manager

Click on Ports

Note the Com No. of the USB Serial Port

- ▶ Memory technology devices
- ▶ Mice and other pointing devices
- ▶ Monitors
- ▶ Network adapters
- ▶ Other devices
- ▶ Ports (COM & LPT)
 - ▶ USB Serial Port (COM9)
- ▶ Print queues
- ▶ Processors
- ▶ Sensors
- ▶ Software devices



Manufacturer Set as Agident.

Reader Set as AWR100 (includes AWR200)

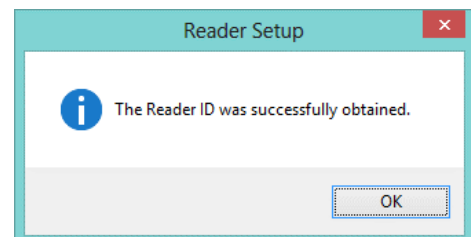
Port. Select the port from the drop-down.

Baud Rate Set as 9600

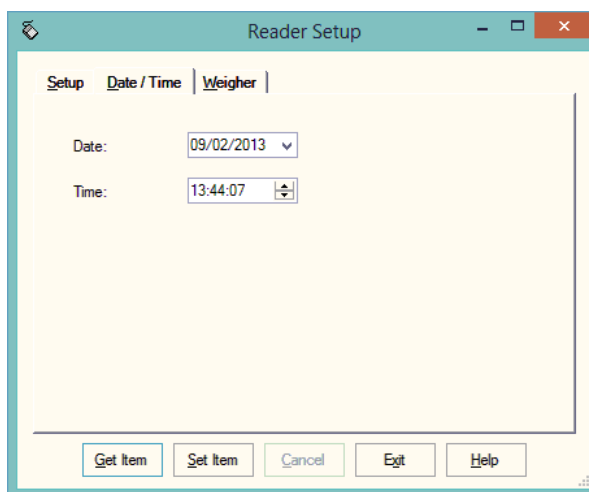
Reader ID When "Get Item" is used the reader's ID is displayed

Click "Get Item" to check the connection. Reader must be switched on.

The screen on the right indicates a successful connection.



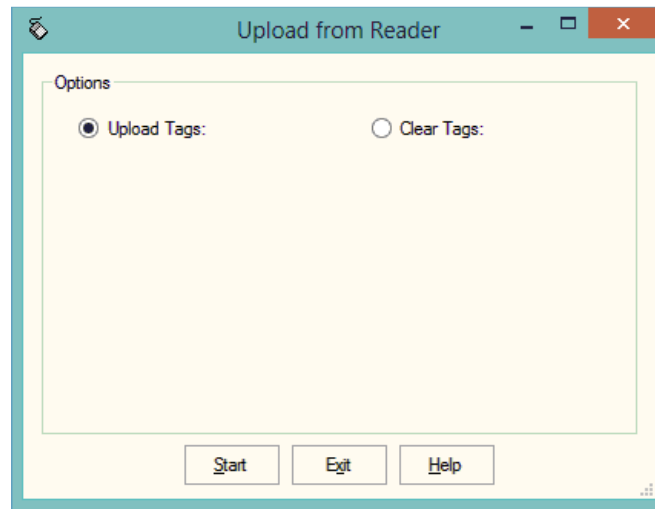
Use Date/Time to Check and Set the Date and time on the APR



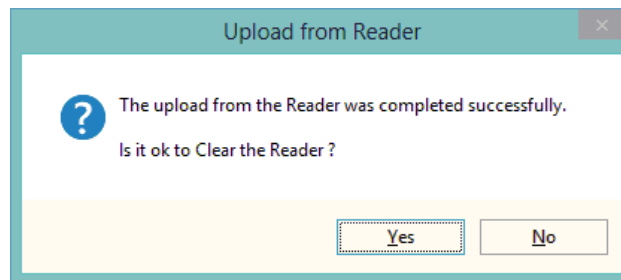
Once the settings are complete you can use Download to Reader to load the APR.

2.1 Upload from Reader

This transfers the information recorded on the AWR back to the PC.



- 1 Upload Tags - Click Start to transfer data from the reader to the PC.



If you wish to clear the recorded data from the reader click Yes.

- 2 Clear Tags – Will clear the recorded data from the reader. Take care that you have transferred all the data you need before doing this.

The recordings are imported into a holding section of the program. They stay in this holding section until they are used in an occurrence routine.

To check or amend the data in the holding section go to Amend Read Animals.

3.1 Amend Read Animals

Imported reader data can be checked here.

Amend Read Animals

Details
This routine can be used to Change the Group or Clear any Tags and Histories uploaded from the Reader.

Items: New Group:

Animals

Type: Location: Selected: Available: Total:

Date	Electronic Tag	Group	Occurrence	Value
01/12/2012	826012345600002	2	Other	
01/12/2012	826012345600006	2	Other	
01/12/2012	826012345600013	2	Other	
01/12/2012	826012345600016	2	Other	
01/12/2012	826024422000718	2	Other	
01/12/2012	826024422000720	2	Other	
01/12/2012	826024422000724	2	Other	
01/12/2012	826024422000748	2	Other	
01/12/2012	982000001071589	2	Other	
01/12/2012	982000001071699	2	Other	
01/12/2012	982000152202768	2	Other	
16/01/2013	826024422000706	4	Other	
16/01/2013	826024422000724	4	Other	
16/01/2013	826024422000744	4	Other	
16/01/2013	826024422000728	4	Other	

Save Delete Select Refresh Exit Help

The recordings are shown in the order in which they were read.

The Group separates the lots as read on the reader.

Groups can be changed by selecting the required animals, changing the number in New Group and saving.

New Tag - Tags which are not recognised as already in the system are labelled as "New Tag".

Any errors or unwanted readings can be highlighted and deleted.

Numbers are removed when they are used in the relevant occurrence.

Occurrences recorded on the reader should be imported into the records in the appropriate occurrence routine.

Go into the required occurrence.

Set the Details for this batch of tags.

Select Reader in Type. In Location you can select a Group from the reader.

The tags will be shown in the screen. Click Select to select all the animals. Remove the tick in include in any you don't want to record.

Click Save and the records will be updated.