

Version: 1.0

Title – Radwin View Installation Guide

Made By: KE_150114 (Issue 1)

- 1. Download the latest Radwin View Application from the HWM Website (www.hwm-water.com)
- 2. Double-Click the icon to start the Installation process;



| HWM | | × | |
|--|--------|----------------|------------------------------|
| To unzip all files to the specified folder, press the Unzip button. Unzip to dir: CATemp | Browse | Unzip Chese | |
| | | | Click to Unzip to Temp folde |

3. Now click <<Radwin>> from the Installer

| Radcom Software Installer | |
|---|---|
| Radwin Radwin Lite USB I/R Reader Driver | Click to install Radwin software. |
| Halma Water Management Radcom Technologies Ty Coch House Llantanam Park Way CWMBRAN UK NP44 3AW | Note Radwin Lite is only for specialist use. |
| Copyright © 2011 Radcom Technologies Exit | |

4. The I/R Driver is normally installed automatically, however, in case it does not in step 0 below, please click the <<USB I/R Reader Driver>> after the main installation is complete.



5. When prompted by the InstallShield Wizard to install:



6. Read and agree the terms of the Licence agreement to continue:



7. Choose the Destination folder you wish to install to by clicking <<Change>>



ad

or to accept the default installation (recommended) click <<Next>>

Note: Ensure that you choose a folder that you have read/write access to. Check with your IT team if you are not sure.

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- and the I/R Driver installs...
- 8. Finally click <<Finish>> to close the InstallShield Wizard.



10. If you have installed from a downloaded file instead of the CD you will see the extra window below.
The Installation process has now finished so click <<OK>> to confirm.

| Finished. | | / |
|-----------|----|---|
| Finished. | | |
| | OK | |



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First time run of Radwin

Once you have installed Radwin you need to make some initial setup choices and configurations.

Creating your first Database

- 1. From the start menu, click <<All programs>> and find the program group "Radlog for Windows"_____
- Click <<Radlog for Windows>> to expand the group and then click <<RadcomView>>

You may wish to "Pin" the program to your taskbar for convenience. To do this, **right** click on the Radcom View icon and select "Pin to Taskbar" from the pop up menu. The program can now be conveniently started from the taskbar.



3. After the program starts you will be automatically prompted to set up a new database path

This is for local storage of configuration information and any data that you may directly download from the logger or from DataGate[™] after site installation.

| System Configuration : [| Database Path | | | × |
|---|--|--|---|---|
| Configure: Advanced Database Path | Database - Select the data database is Local or on a f Database | base location, Local or Net Network Server, enter the d | work Server, or Internet based atabase path (where the logge | I (FTP site). If the er database and |
| | Database Location C Local PC or Network Server C Internet (FTP site) | er | Logger Identity Selection M | ethod: ns 💌 |
| | – Local or Network Server Databa Database Path: | ase Configuration C:\Radwin\DATA | • | Browse |
| | Mirror Database Path: | C:\Radwin\DATA2 | v | Browse |
| | | | | |
| | | | | |
| | | | OK | Cancel |







A note about Logger Identity Selection Method:-

A logger is identified with a single 7 digit reference ID. If you select Single Identity from the menu then you

use the full 7 digits how you like. E.g. account no, customer number, etc.

| Logger | Identity Selection Method: | |
|--------|----------------------------|---|
| | Zones and Locations | |
| | Zones and Locations | |
| | Single Identity | J |

can

However, when installing a larger fleet of loggers, Radwin allows you to group individual logger Locations into larger Zones. This allows for geographic regions (Zones) to be easily indexed where large fleets are involved.

So, Locations refer to loggers

Zones contain Locations (loggers) Many Zones may be created

Each Zone may contain many Locations (loggers)

For example, split a town up into Zones then split the Zones up into Locations and deploy loggers within each Zone.

If you choose this (default) option you will be prompted (later on) to decide how the 7 digits are allocated. E.g. ZZ/LLLLL means you can have up to 99 zones with 99,999 loggers in each zone, or ZZZ/LLLL gives 999 zones with 9,999 loggers in each and so on.

In this way you can develop an indexing method to allow you to quickly find sites you wish to examine. tem Config ration : Database Path

Database - Select t database is Local o 4. From the Logger Identity Selection Method, Database choose the option as described above. Mirror Data - - - -Desktop Desktop Librarier Compute If you wish to

change to location of the folder where the database is stored, click <<Browse...>>

Then navigate to the desired folder and click << Open>> to choose the ←folder.

When prompted below click <<Yes>> to confirm the folder choice.

| Database r | not found |
|------------|---|
| ? | A database was not found in the selected folder. Do you wish to create a database in this folder? |
| | Yes No |

Files of typ

Paduio Data



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5. Now click <<OK>> to create the database.

| atabase Identity Format: | ZZZZ LIL 💽 |
|-----------------------------|-----------------------------|
| K to create the database pa | th: |
| C:\Radwin\DATA | |
| ARNING: The Identity Form | at For This Database Cannot |
| | |

If you chose *Zones and Locations* in step 4, chose your format for the ID number. The default is the UK postcode format, e.g. AB12 3CD

Then click <<OK>> to continue.



Note: The Database format CANNOT be changed from this point. If you need to change it later you will need to delete the \DATA folder and start again.

If you have upgraded to this edition of Radwin from an earlier version, then the database format that was chosen in the previous edition will be maintained.



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Setting up the communications cable

Note: The following instructions assume the use of the USB IR Reader connected to a PC USB port or a Serial IR Reader connected to a PC serial port.

- 1. Connect the USB plug to a spare USB port on your computer or the Serial plug to a spare Serial port on your computer.
- 2. Position the reader head on the logger as shown below



Take care to position the head over raised ring area around the window. The reader head will hold onto the logger by magnets in the ring around the window and this helps with positioning.

3. Start Radcom View again (unless already

running) and from the menu select <Configuration> and then <Advanced Configuration...>

| indow Help |
|------------|
| |
| tion |
| |
| |
| 1 |

4. The menu below shows details all the setup functions available to Radwin, for the Communications port configuration click the <<Manual Call>> item from the list.

| nfigure: | / | / | | |
|------------------|-------------------------|---|--|--------------------------------------|
| Advanced | Graph Colours/St | yles - Configures the style: elect Defaults to return to | and colours used to disp the default settings | play data graphs, and fonts for axis |
| Radwin All | | | | |
| Manual Call | Startup Transducers/S | ensors/Units Statistics | Manual Call Graph Opl | tions Graph Colours/Styles (|
| Autocall | Graph Colours/Styles- | | | |
| Bata Generator | Granh Line 1 | | Background | |
| Alarm Programm | Graph Line 2 | | Axis | |
| Marm Receiver | Graph Line 3 | | Grid Lines | |
| 👬 Remote Alarm R | Graph Line 4 | | LimitLines | |
| | Graph Line 5 | | | |
| | Graph Line 6 | | Current Graph | Enable Style Change |
| | Graph Line 7 | | | |
| | Graph Line 8 | | Secondary Graph | Enable Style Change |
| | | | | |
| | Defaults | Axis Font (| Arial) | Text Font (Arial) |

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5. The *Manual Call* menu now appears, from the *Direct Cable Port* dropdown list pick the COM port that you will be using.

| System Configuration : N | Ianual Call - Advanced | |
|--|---|---|
| Configure: Advanced Radwin All Autocal Autocal Call Ca | Manual Call - Select the directly to the PC, the Di Database System Selections Comms Port: Direct Cable Port Modem Port Satellite Modem Port Bluetooth Port Paknet Modem Port | comm ports to be used for Manual Data Downloads. For loggers connected rect RS232 Port must be specified that is used to connect the logger to the PC. |
| | SMS Modem Port | , Messages are sent from Autocall using a port configured as SMS Modem |
| | Download Comments | Insert Default Comment: |
| | Help - Find Available Ports | OK Cancel |

(i)

A note about COM port choice:

In the example above of a Laptop, you can see 3 COM ports listed, the numbers and descriptions vary from PC to PC but to summarise the types:-

- *RIM Virtual Serial Port* (e.g. COM1:) should be ignored as Radwin will not communicate via these types of ports. These often have high COM numbers (above 10).
- USB Serial Port (e.g. COM2:) is a genuine COM port that can be used with Radwin and is usually the USB Reader cable.
- USB to Serial Bridge (e.g. COM4:) is also a genuine COM port that can be used and is generally a USB to Serial adaptor cable.

If you are using a Desktop computer or a Laptop with a docking station, you may also see a *Communications Port*. This is also a valid choice for your *Direct Cable Port*, however there is usually more than one so check the physical indication by the socket on the back of the computer.

Tip: If you are using a USB connection, you can check you have the right one as follows:-

- i. Look down the list and note each COM number that is not empty.
- ii. Click <<Cancel>> to close the System Configuration menu.
- iii. Remove the USB plug from the PC.
- iv. Repeat steps 3 to 5 above and look for the one that has disappeared. This is the COM port you need to select in step 5.
- v. Click <<Cancel>> to close the *System Configuration* menu again.
- vi. Reinsert the USB cable **IN THE SAME PORT AS BEFORE** and repeat steps 3 to 5, selecting the COM port noted in step iv above.



6. There is no need to configure any other ports at this stage.

| coningure. | Manual Call - Select the | commit ports to be used for Manual Data Downloads. For longers com | nected |
|--------------------|--------------------------------|---|----------|
| Advanced | directly to the PC, the Di | irect RS232 Port must be specified that is used to connect the logger | to the P |
| 📇 Radwin All | | | |
| Manual Call | Database System Selections | s Startup Transducers/Sensors/Units Manual Call Modems | Paging_ |
| Autocall | - Comms Port | | |
| Data Generator | Direct Cable Port | COM2: USB Serial Port (COM2) | - |
| Alarm Programm | Modem Port | COM2: USB Serial Port (COM2) | • |
| - Marm Receiver | Satellite Modern Port | COM2: USB Serial Port (COM2) | - |
| 🚟 👬 Remote Alarm R | Bluetooth Port | <i>🗟</i> сом8 | • |
| | Paknet Modem Port | 🗟 сомз | • |
| | SMS Modern Port | Messages are sent from Autocall using a port configured as SMS M | odem |
| | Download Comments | | |
| | Always Enter Comment | Insert Default Comment: | |
| | | | |
| | | | |

Click <<OK>> to save the configuration.

7. Congratulations, you are now ready to begin configuring your new data logger.

Document History:

| Edition | Date of Issue | Modification | Notes |
|---------|---------------|--------------|-------|
| 1st | | | |
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