

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: CNTemp	Browse	Unzip Chase	
		c	lick to Unzip to Temp fold

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

Radcom Software Installer		×	
Halma Water Management Radcom Technologies Ty Coch House Liartarnam Park Way CwMBRAN UK NP44 334W	Radwin Radwin Lite USB I/R Reader Driver		 Click to install Radwin software. Note Radwin Lite is only for specialist use.
Copyright © 2011 Radcom Techno	logies	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.		
	ОК	



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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 : D	Database Path			×
Configure:	Database - Select the data database is Local or on a f Database	abase location, Local or Net Network Server, enter the d	work Server, or Internet based atabase path (where the logge	d (FTP site). If the er database and
	Database Location C Local PC or Network Server C Internet (FTP site)		Logger Identity Selection M	
	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.

Logge	r Identity Selection Method:	
	Zones and Locations	-
	Zones and Locations	
	Single Identity	

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	e not found		
(?	A database was not found in the sele a database in this folder?	cted folder. Do you wish to cre	ate:
		Yes	No

Files of typ

Paduio Data



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

atabase Identity Format:	
K to create the database pat	h:
C:\Radwin\DATA	
ARNING: The Identity Form	at For This Database Cannot
	K.

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...>

ľ	Radcom View V4.63.1 - [Empty 1]		
	File Download Options Graph Options Data Options Advanced	Configuration Start Window Help	
	🗅 🗯 🐼 🕅 🖓	Basic Configuration	
		Advanced Configuration	

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.

onfigure:	/	/		
Advanced	C truck tout C	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	and graph text. 5			
Manual Call	Startup Transducers/S	ensors/Units Statistics	Manual Call Graph Opl	tions Graph Colours/Styles (
Autocall	Graph Colours/Styles-			
Data Generator	Graph Line 1		Background	
😽 Alarm Programm	Graph Line 2		Axis	
- 👬 Alarm Receiver	Graph Line 3		Grid Lines	
👬 Remote Alarm R	Graph Line 4		Limit Lines	
	Graph Line 5			
	Graph Line 6		Current Graph Style	Enable Style Change
	Graph Line 7			
	Graph Line 8		Secondary Graph Style	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 : Manual Call - Advanced					
Configure: Advanced Radwin All View Autocall Data Generator Export Alarm Programm Alarm Receiver Remote Autocall Remote Alarm R	directly to the PC, the Dir	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.

Configure:	Manual Call - Select the	comm ports to be used for Manual Data Downloads. For loggers com	herted
Advanced		rect RS232 Port must be specified that is used to connect the logger	
📇 Radwin All			
	Database System Selections	s Startup Transducers/Sensors/Units Manual Call Modems I	aging_
Autocall	- Comms Port		
Data Generator	Direct Cable Port	COM2: USB Serial Port (COM2)	-
- 🔣 Alarm Programm	Modem Port	COM2: USB Serial Port (COM2)	•
- 👬 Alarm Receiver	Satellite Modern Port	COM2: USB Serial Port (COM2)	-
🚟 👬 Remote Alarm R	Bluetooth Port	🗟 сомя	•
	Paknet Modern 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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