

User Guide

DiaLog Remote-Manual

Influx



www.influxtechnology.com



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1 DiaLog Remote

DiaLog Remote is a utility that the Rebel Loggers to be maintained without the need for a DiaLog Licence, it has the following functionality:

- Formatting the SD Card The SD Card will be formatted in such a way that the LR
- Rebel Reflashing The Logger firmware can be updated via USB
- Obtain the Hardware Configuration The Hardware Configuration can be read via USB
- Set Rebel Time The Real Time Clock in the Logger can be set
- Setting a configuration to the SD Card The configuration will be loaded onto the SD Card in the SD Card Reader of the PC in such a way that it will be Loaded and used by the Logger once the SD Card is installed in the Logger

1.2 Installing DiaLog Remote

Step 1 Download DiaLog remote from: http://www.influxtechnology.com/SharedFiles/Dialog/Dialog Remote.msi

Step 2 Execute Dialog Remote.msi

Step 3 Confirm you wish to Install it by clicking next.





After having read the terms in the license agreement select I accept the terms in the license if you wish to agree and proceed with the installation of the software. Then click Next.

😸 Dialog Remote - InstallShield Wizard			×					
License Agreement								
Please read the following license agree	ment carefully.							
LICENCE AGREEMENT			^					
LICENCE AGREEMENT NOTICE TO ALL USERS: CAREFULLY READ THE FOLLOWING LEGAL AGREEMENT ("AGREEMENT"), FOR THE LICENSE OF SPECIFIED SOFTWARE ("SOFTWARE") PRODUCED BY INFLUX TECHNOLOGY LTD ("INFLUX"). BY CLICKING THE ACCEPT BUTTON OR INSTALLING THE SOFTWARE, YOU (EITHER AN INDIVIDUAL OR A SINGLE ENTITY) CONSENT TO BE BOUND BY AND BECOME A PARTY TO THIS AGREEMENT. IF YOU DO NOT AGREE TO ALL OF THE TERMS OF THIS AGREEMENT, CLICK THE BUTTON THAT INDICATES THAT YOU DO NOT ACCEPT THE TERMS OF THIS ACCEPTMENT AND DO NOT I do not accept the terms in the license agreement								
113 CONSTITUTION	< <u>B</u> ack	<u>N</u> ext >	Cancel					
Step 5 Then Select Next again ᇕ Dialog Remote - InstallShield Wizard		_						
Readme Information Please read the following readme inform	mation carefully.							
			^					
Influx Dialog Remote 1.	0.0.0							
02 June 2016								
README File			- 1					
The SD Card Configuration softw - Copy and activate IVS fil - Reflash Rebel.	vare has been d les to SD card.	eveloped to:	- 1					
 Set Rebel Time. 			~					
InstallShield								
	< <u>B</u> ack	<u>N</u> ext >	<u>C</u> ancel					



Step 6 Then Select Next again

😸 Dialog Remote - InstallShield Wizard	\times
Ready to Install the Program	
The wizard is ready to begin installation.	
If you want to review or change any of your installation settings, click Back. Click Cancel exit the wizard.	to
Current Settings:	
Setup Type:	
Destination Folder:	
C: \Program Files (x86) \Influx Technology \DialogRemote \	
User Information:	
Name:	
Company:	
InstallShield	
< <u>B</u> ack <u>I</u> nstall Cano	el

Step 7 Then Select Finish.

闄 Dialog Remote - InstallShield	Wizard	\times
	InstallShield Wizard Completed	
	The InstallShield Wizard has successfully installed Dialog Remote. Click Finish to exit the wizard.	
	< <u>B</u> ack <u>Finish</u> Cancel	



1.2 The DiaLog Remote Software

The DiaLog Remote Software can be found via the Windows Start Menu

Step 1

Press the Windows Button, then select All apps



Step 2 Select DiaLog Remote

			^
1			
II.	nflux Technology	^	
÷	Dialog 5.0.0.0		
-	Dialog Remote		
	HBox Calibration		
Ó	Hexagon		
E)	Influx Licensing		
÷.	K-Box Cal		
	ModuleAnalyser 2.13.0.0		
3	Rebel Dash Config		
G	Rebel Drivers		
5	StreamLog Assistant		
\leftarrow Bad	:k		

Alternatively you can run it via the shortcut that is placed on your Desktop when DiaLog Remote is installed:

Step 1 Click the following Icon





Once DiaLog Remote is open you will see the following window

< Dialog Remote				_		×
Set Configuration To SD	Refresh	Format SD Card	📴 Reflash Rebel	🔆 Set Re	ebel Time	
SD Card Drives C	Configuration St	ructures				
SO F:	AN_Trace				2100	



1.2.1 Refresh SD

If there was no SD Card in the card reader of your Laptop when you launched DiaLog remote you can use Refresh SD to find a new card once it has been inserted, you can also use it if you have removed an SD card and wish to work with a new one.

Step 1

Insert the SD Card you wish to work with into the SD card reader of your Laptop or PC, if your Laptop or PC does not have an SD Card reader you can contact Influx Technology, we can supply an external SD Card reader.



Step 2 Click the Refresh SD Card Button, Refresh

The SD Card will be found and now you can work with it.

Warning

• SD Cards must be fromatted with the correct Filesystem and Allocation Unit Size Influx Technology recommends doing this via DiaLog Remote or in the Logger via the Fromat SD Card function in DiaLog



1.2.2 Format the SD Card

Before using an SD Card in a Logger the filesystem must be correctly prepared, you can do this via the Format SD Card Function.

Step 1 Click the Format SD Card button



Step 2

Formatting the SD Card will erase all the data on the SD Card so you will be asked if you wish to Format the SD card. To confirm press YES.



Step 2

You will be presented with the Format window with the correct Capacity, File System, Allocation Unit Size options selected. DO NOT CHANGE THESE, press Start to format the SD Card.

Format Influx Tech (F:)	×
Capacity:	
14.8 GB	Ψ
<u>F</u> ile system	
FAT32 (Default)	Ψ
Allocation unit size	
32 kilobytes	Ψ.
Restore <u>d</u> evice defaults	
Volume label	
Influx Tech	
☐ Format options	_
Quick Format	
Start Close	



Confirm once more that you want to erase ALL data on the SD Card by clicking OK.



Step 4

You will be informed that the format operation is complete, press Ok to acknowledge that



Step 5

Exit from the Format Window by pressing Close



1.2.3 Set the Configuration to SD

A configuration (*.ivs) for a Logger can be created in DiaLog and exported. You can use the DiaLog Remote software to set the configuration to the SD Card, once the SD Card is inserted into a Logger it will update the Logger and the Logger will be configured to operate as specified within the configuration (*.ivs).

Step 1 Click Set Configuration to SD:



Step 2

Select the configuration (*.ivs) that you wish to use and click OPEN.

Open						×
Look <u>i</u> n:	E Desktop	7	r ←	£ 🗎	* •	
Quick access	OBD_CAN_E	xample.ivs				
Desktop						
Libraries						
This PC						
۲						
Network						
	File name:	OBD CAN Example ivs				Open
	Files of type:	Influx Vehicle Structure (*.ivs)				Cancel



Wait until you see the configuration loaded on the SD Card as shown

🗞 Dialog Remote — 🗆 🔿						×
📲 Set Configuration To SD 🛛 🖳 Refresh 🛛 🖳 Format SD Card 🛛 🎩 Reflash Rebel 📀 S						
SD Card Drives (Configuration St	ructures			2000	
	IBD_CAN_Example	;			2000	

Step 4 Remove the SD Card from you Laptop or PC and insert it into the Logger.



1.2.4 Reflash Rebel

The DiaLog Remote software is able to update the firmware in the Logger in order to do so follow these steps:

Step 1

Plug the Logger in to the PC via USB, it may be necessary to also provide 12V via the OBD connector on some loggers e.g. a CT Flexray Logger requires 12V via the OBD connector to run the Flexray board, if you are not sure if your logger needs 12V as well as USB you can just connect it anyway, it will not cause any problems to have 12V connected if it is not required.





Step 2 Click the Reflash Rebel button



Step 3

You will see the Connected Rebel firmware version of your logger, if this field says Limited Mode this indicates that you must supply 12V via the OBD connector in order to reprogram the logger. If everything looks ok press Browse firmware button to select the firmware you wish to program into the Rebel Logger.

Reflash	×
Firmware Diagnostics Events	
Connected Rebel firmwar ARM	200 C
File name Developed by Version Date/Time	
Browse firm	ware Reprogram
Log file C:\Program Files (x86)\Influx Technology\Dialog	Remote\reprogramming.log



Select the firmware you want to program into the Rebel Logger and press Open.

Select firmware f	ile				×
Look in:	Firmware	v	← 🖻 💣 🔳 ▼		
₹	Name 🔺		Date modified	Туре	Size
Quick access	RLCT_D1052	_L1068_T9_2906.frm	29/06/2016 16:37	FRM File	492 KB
Desktop					
-					
Libraries					
This PC					
1					
Network					
	File <u>n</u> ame:	RLCT_D1052_L1068_T9_2906.fm	1	Ŧ	<u>O</u> pen
	Files of type:	Rebel firmware files[*.FRM]		Ŧ	Cancel

Step 5 Press the Reprogram Button

Reflash		X
Firmware Dia	agnostics Events	
	Connected Rebel firmware version D1052P_L1068R	
	ARM XTO LT/CT O XTO LTO 200 O	
File name	RLCT_D1052_L1068_T9_2906.frm -	
Developed by	Stefan Nikolov	
Version	D1009R_L1068	
Date/Time	29.06.2016 13:27:17	
	Browse firmware Reprogram	
Log file C:\Progra	am Files (x86)\Influx Technology\DialogRemote\reprogramming.log	



Confirm that you wish to reprogram the Logger



Step 7

After the Reprogramming process has been completed you will see a box telling you that you should power cycle you logger.

Warning		×
Â	Influx technology recommend that - The data logger is power cycled after reprogramming. - You should reconfigure the data logger after it has been reflashed with the new firmware. OK	

Step 8

Unplug the USB and 12V cables that supply power to your logger

1.2.5 Obtaining the Hardware Configuration of your Logger

Step 1

Plug the Logger in to the PC via USB, it may be necessary to also provide 12V via the OBD connector on some loggers e.g. a CT Flexray Logger requires 12V via the OBD connector to obtain information about the Flexray board, if you are not sure if your logger needs 12V as well as USB you can just connect it anyway, it will not cause any problems to have 12V connected if it is not required.



Step 2 Click the Reflash Rebel button





You will see the Connected Rebel firmware version of your logger, if this field says Limited Mode this indicates that you must supply 12V via the OBD connector in order to reprogram the logger. If everything looks ok click on the Diagnostics Tab

Reflash		×			
Firmware Dia	gnostics Events				
Connected Rebel firmware version		sion D1052P_L1068R			
File name					
Developed by					
Version					
Date/Time					
	Browse firmware	Reprogram			
Log file C:\Program Files (x86)\Influx Technology\DialogRemote\reprogramming.log					

Step 4

You will see the Hardware Configuration and information about the setup of your logger displayed.

Reflash						×		
Firmware	Diagnostics	Events						
Serial Number - RBLL832 Firmware version D1052P_L1068R								
FW level CT/LT Clear								
GPRS - Q26xx GPS - CMS1010 Save								
ADC external - HBox ADC internal - Present								
Accelerometer - LIS3DH WiFi - RS9110								
Wirless connection - GPRS and WiFi Active File , CAN, Trace, BBL 832, 20160722, 132700 IVD								
SD Free space - 14001440 KB								
SD Sector 0 - EB 40 D6 46 41 54 33 32 55 AA GPBS FW - not requested								
GPRS APN - "none"								
GPRS Diser - "" GPRS Password	- ""			,	<u>C</u> lose			

Step 5

You can save this information to a log file (text file) by pressing Save

Save



1.2.6 Set Rebel Time

You can set the real time clock of your Logger by the following steps

Step 1

Plug the Logger in to the PC via USB



Step 2 Click the Set Rebel Time button



Step 2

Adjust the Time to the correct Time and press the Ok button.

Rebel Time	×				
Set Rebel Time					
Date	Time 13:35:59				
Current Rebel Time: 22/07/16 13:35:51					
	<u>O</u> K <u>C</u> ancel				



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