

Start-up Guide: ReXgen 1

To download the ReXdesk software

1. Visit [Influx Technology.com](https://www.influxtechnology.com) >> Support >> ReXgen Series >> [Software links](#)>> ReXdesk Download
2. Windows Search >> [ReXgen Drivers](#) >> Select and Install

WARNING:

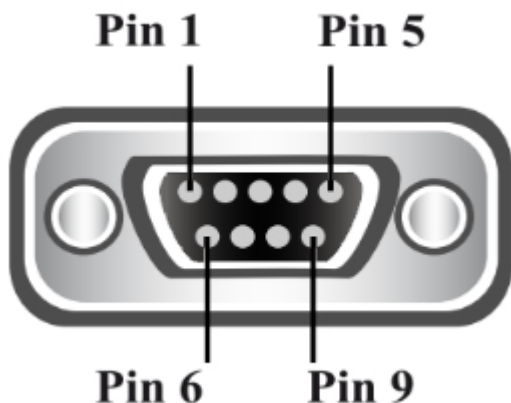
CAN BUS AND USB ARE NOT ISOLATED; CARE MUST BE TAKEN WHEN PLUGGING THE USB INTO THE DEVICE. REMOVING THE POWER SUPPLY WHEN THE DEVICE IS INTERFACED WITH A PC VIA USB IS ADVISED

Notes:


- CAN Bus and USB Isolators can be purchased separately.
- Do not use the logger's USB port for data logging, as it may damage the USB port, which won't be covered under warranty.

Connector Details

ReXgen 1 comes with one 9-pin Standard D-Type connector.



| PIN No DB9 (Male with Nuts) | PIN Function PWR/CAN0/Digital/LIN |
|-----------------------------|-----------------------------------|
| Pin 1 | NC |
| Pin 2 | CAN - Low |
| Pin 3 | GND |
| Pin 4 | NC |
| Pin 5 | Power GND |
| Pin 6 | NC |
| Pin 7 | CAN - High |
| Pin 8 | NC |
| Pin 9 | Power Supply 5V to 27V |

 Notes:

- The connector must be tightened securely to connect properly, ensuring reliable operation.
- Each end of the CAN bus must be terminated with a 120 Ohm resistor across CAN H & CAN L.
- Do not short-circuit any pins.
- Do not use the logger's USB port for data logging, as it may damage the USB port, which won't be covered under warranty.



LED 1

Channel 0

Green

LED Patterns

Description



Blinking

Slow- Logging

Fast- CAN Error/Check
Connection/Incorrect Baud Rate



Bold- Not logging but configuration active

To update the firmware

Open ReXdesk, connect the logger and click the 'Reflash' option under the Device tab.

Reflash – Select the required firmware to update the logger.

Notes:

- Do not disconnect the logger until the logger LED stops flashing. The logger will automatically reconnect to the software after reflashing.
- Please ensure that the internal storage is formatted after reflashing the logger.

To set the time

Open ReXdesk, connect the logger and click 'Set Time' on the top taskbar.

To synchronise the logger's time with your PC, select 'Synchronise with PC'.

Or

To manually set the logger's time, select 'Set Custom Date Time'.

Click 'Set Time' to save.

Notes:

- If you see that the logger is logging with the wrong time stamp, check the RTC battery.
- [Click](#) ↗ for instructions on how to turn on the battery.

To start logging

Open ReXdesk, connect the logger, double-click or drag and drop the 'Log All' icon into the configuration window.

Click the 'Run' icon on the top taskbar and save the project.

Once the Configuration is uploaded successfully, click OK.

How to [set up a ReXgen](#)[↗] datalogger.

To open logged data from internal storage

Click on the Internal Storage tab and select the file you wish to open.

Click on the Download tab and select the required format for download.

Notes:

- Always ensure the device is installed, connected, and commissioned by a qualified professional.
- The device must only be repaired by the manufacturer.
- Do not use the logger's USB port for data logging, as it may damage the USB port, which won't be covered under warranty.

Refer to the [ReXgen 1 Product Manual](#) for more details.