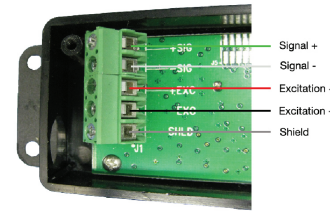




DI-100U/DI-100UHS

16-Bit Digital USB Signal Conditioner for Load Cells

Converts existing millivolt or mV/V Load Cells into UART and/or USB



*No Need for Power Supply
Powered by USB*

Included

- DI-100U/DI-100UHS with Terminal Block
- MiniB to MiniB Cable
- S2U UART to USB Converter
- LV-100 LoadVUE Lite Software
- LV-1000 LoadVUE Pro, if purchased

4

Start Using

- ALWAYS be used as a pair
- Once calibrated, they must
- Recommend using LV-1000 Calibration Utility
- DI-100 with your Load Cell Before Use
- Connect to USB Port of Computer
- Turn-on Switch
- Use LV-100 or LV-1000 to display data

3

Calibrate

- Change Latency Timer to 1 ms
- Right-click on Setup file and Run As Administrator
- LV-100 LoadVUE Lite Or LV-1000 LoadVUE Pro

2

Install Software

- Fasten wires snugly
- Wiring Diagram at the bottom of DI-100
- Wires from Load Cell to Terminal Block

1

Connect your Load Cell

How to Calibrate

Using Putty (Open Source Terminal Emulator):
Watch: youtube.com/watch?v=IXQ2CPzjOnc

Using Calibration Software included in LV-1000 LoadVUE Pro:
2 Point, Enter mV/V or 9 Point Polynomial Fit
Watch: youtube.com/watch?v=SoAlayLRweo

loadstarsensors.com/load-cell-calibration-using-calibration-software.html

Follow these Steps to Install the Software on your PC:

1. Insert the USB Drive provided into your PC's USB Port (you need a full USB A style Port) or Download the software from the link provided

2. Locate the Setup file

3. Right Click on the Setup file and Run As Administrator

4. Follow the instructions until setup is complete. Make sure that the Software AND the Drivers are installed. You should see an icon for the software on your Desktop. Connect your load cell and interface to your PC via USB ports. You can then double click on the icon to launch the software.

5. For optimum data update speeds, please set your latency timer for the COM port in use to 1 ms.

Help

- loadstarsensors.com/di100u.html
- loadstarsensors.com/assets/specsheets/di100.pdf
- loadstarsensors.com/loadvuelite.html
- loadstarsensors.com/loadvuepro.html
- support@loadstarsensors.com

Watch

- Setup & Calibrate: youtube.com/watch?v=IXQ2CPzjOnc
- Setting Up: youtube.com/watch?v=_UWF6GRSr_8
- Build Your Scale: youtube.com/watch?v=87AmBxSjQoO
- Set Latency Timer: youtube.com/watch?v=HSJX3kK3WJU

Access Detailed Information

Scan the QR Code

Or

Visit - loadstarsensors.com/documentation.html

