

This guide explains the stages in order to integrate your Vector Extensometer with Instron's Bluehill 2 software.

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Step one – Vector Interface

1.1	Open the Vector interface and connect to the appropriate Vector.
1.2	Then open the setting menu and navigate to analogue output control window.
1.3	By using the BNC icon, set the minimum and maximum strain values according to the expected strain

Step two – Bluehill 2 software

2.1	Once Vector has been connected to a strain input channel, open the Bluehill software. Note – a pair of greyed out icons showing the strain transducers can be seen.
2.2	Ensure that Vector has been connected to a strain input channel on the Instron test frame. At this point, the relevant transducers should become active, select this to open the transducer dialogue box.
2.2	Ensure both the Vector Interface and the transducer settings dialogue box are visible, as they are both required to perform the signal calibration.
2.3	Bluehill 2 requires the strain value to be entered as an extension rather than a percentage. Once all the required values have been entered, click the calibrate button in the transducer settings dialogue box and follow the instructions.
2.4	Once the calibration process is complete, check that manually setting the Vector output to the min and max outputs is matched within the Bluehill 2 software.
2.5	Vector is now set up and ready to be used with Bluehill 2.

If you have any issues, please contact your usual Imetrum representative for further assistance.