LSN-100 Light Sensor and Laser

Overview

The LSN-100 sensor has a light sensor on one end and a laser on the other.

Specifications:

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Laser Wavelength	650nm
Laser color	Red

Operating Instructions:

1. Plug the IX-ELVIS board into the NI ELVIS platform.

2. Plug the power supply into the back of the NI ELVIS and turn on the switch next to the power supply input.

3. Locate the switch on the top right hand side of the IX-ELVIS board and switch on.

4. Connect the NI ELVIS platform to the computer via a USB cable.

5. Plug the LSN-100 into one of the mini din channels on the IX-ELVIS board.

6. Open the recording software and ensure the correct channel is selected. Set the range to +/-5V.

7. The voltage goes up when the laser is shined on the light sensor and down when the path is blocked.

*Note: The signal may be inverted when using the myDAQ setup.

Intended Usage

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