

# Sense Robot QuickStart Guide

## Software

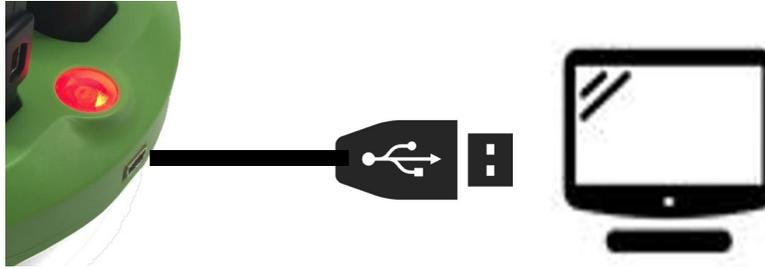
Download the [RobocklySense](#) software. This will create an icon on your desktop.



## Connecting

Take out the Sense robot and connect it to your computer via:

USB



WiFi : Requires the Battery and Wifi module.



Using the Wifi setting look for NeulogXXXX, where XXXX corresponds to the numeric code on your WiFi module.

## Main Screen Header Bar



- Direct

Allows for direct control of the motion of the motors on the Sense.

- Programming

Allows the user to program the Sense, and Neulog probes, in:

- Blockly
- Javascript
- Python
- XML

- Settings

- Language
- Font size
- Instruction Manual

Sense 470226-562  
\$99

Battery 470226-926  
\$39.99

WiFi 470226-924  
\$149.99

## Programming

The screenshot shows the RoboBlocklySense programming environment. At the top is a dark red toolbar with icons for 'Open File', 'Save', 'Send to Sense', 'Send to Sense and Run', 'Run', and 'Stop'. Below the toolbar is a workspace with a grid background. A procedure named 'MAIN' is defined with the following blocks:

- Procedure name MAIN
- Sense ID 1 Drive Forward Speed Fast
- Wait until Sense ID 1 Front sensor > memory1
- Sense ID 1 Drive off Speed Fast
- Delay 1.5 [Sec]
- Sense ID 1 Drive Backward Speed Fast
- Delay 2.5 [Sec]
- Sense ID 1 Drive off Speed Fast
- Delay 1.5 [Sec]
- Procedure restart

At the bottom right of the workspace is a 'Trash' icon.

## Sense Coding Library

Example programs (can be opened with the RoboBlocklySense application).

Click on the file you want to download, then right click on the new tab and save the file.

- [Sense to a wall](#)
- [Sense forward and along walls](#)
- [Sense to a black line](#)
- [Sense to a wall and sound](#)
- [Sense along black line](#)
- [Sense to a black line and sound](#)
- [Sense along black line and stop](#)
- [Sense to a wall and distance](#)
- [Sense along two black lines](#)
- [Sense tracking IR transmitter](#)
- [Sense along walls](#)