Version 4.0.0.2

Caution:-Both 3.3Volt and 5 Volt devices are

used.

3.3V wires are shown in Brown 5V wires are shown in Red.

When using JST connectors, there is no Brown wire, so use Red but be very careul to ensure correct connections.

Optional Flash plug. Centre pin -Green Outer - Black

Encoder - (JST) Red - 3.3V Orange - Btn White - S2 Yellow - S1 Black - GND

Optional GY-302 module (5V)

Notes on wiring Colours 3.3V are shown in Brown, and 5V are shown in Red, for clarity.

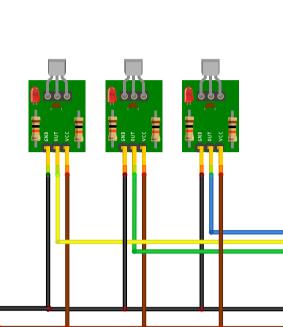
As the JST HX connectors do not contain a Red wire, use Red for both 3.3 & 5V wires, but use extreme caution.

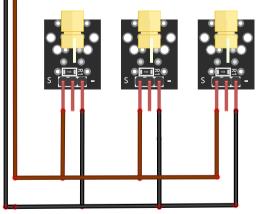
The wiring and photos of this Shutter Tester build used pre-made JST HX connectors, which contain an Orange wire.(which require the ins removed and swaped in the housing)

The cheap Aliexpress JST HX kits do not contain an Orange wire. It is suggested that Blue is used an an altenate colour.

Transparent three legged sensors must be fitted with the flat surface at the rear and the little dome pointing over the board and towards the laser. Connecting them incorrectly WILL destroy them.

Caution To avoid sensor damage, wire up the rx modules **BEFORE** plugging the transparent senors into them. Double check wiring BEFORE powering up the board & ensure LEDs light. Then de-power the board and insert sensors ENSURING the sensor is fitted the correct way round.





White

