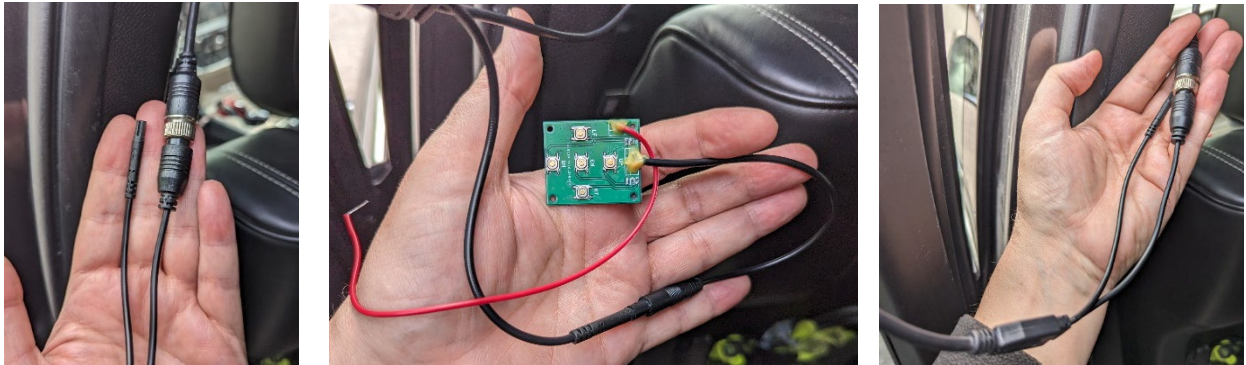# Configuring BSD Cameras

The BSD Cameras have an additional programming port for connecting a keypad to configure the camera.

Currently we are using a keypad to enter and change the configuration, but a wireless dongle will be available in the future (although we think the keypad may still be the preferred option).
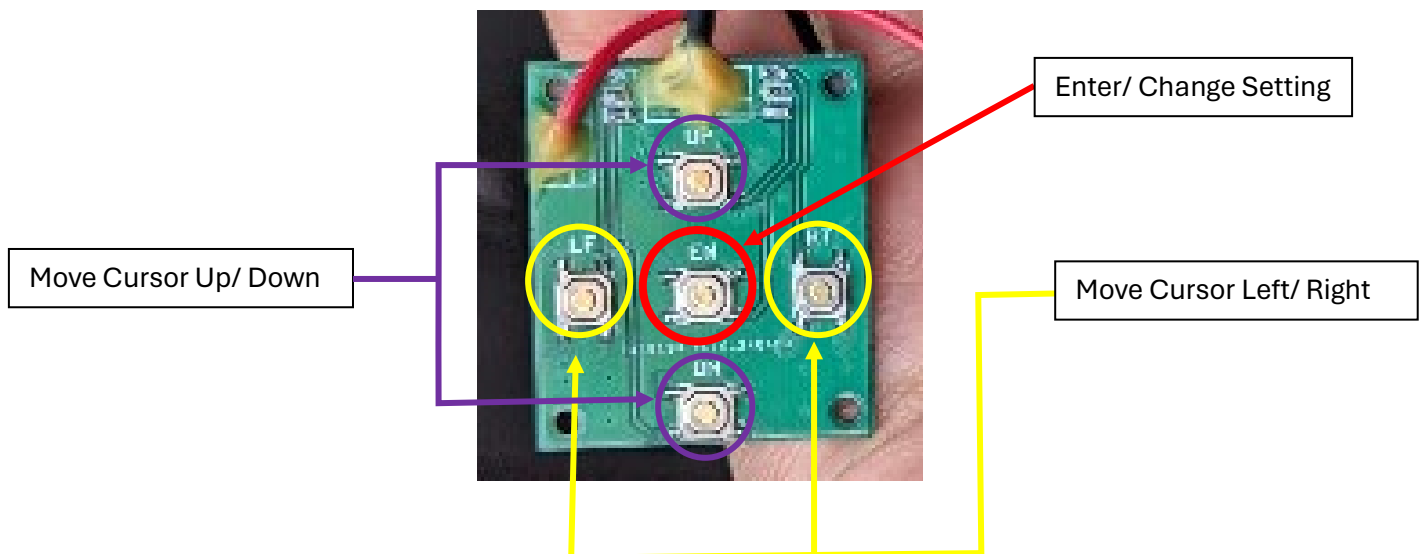

Before describing the configuration process, we would like to advise that the moulded cable junction point is of a smaller diameter than the 4-pin waterproof connector, so should be able to pass through the same space as the 4-pin connector,

Note that the programming port is not waterproof, so we recommend the open end is sealed with adhesive heat shrink after configuration.

This connection port also provides a further function. We can connect a trigger wire to activate Vehicle Detection Mode (must also be enabled on the camera). This means we can control the vehicle activation to become active when an indicator is used or, for example, by using a relay, activate when the vehicle speed is both over (say) 20 MPH and when an indicator is active.

Using the Keypad

Enter/ Change Setting

Move Cursor Up/ Down

Move Cursor Left/ Right

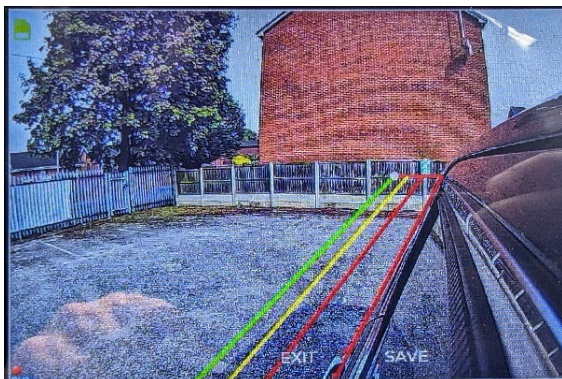To Enter the Configuration Menu press on the Enter Button

Move up and down the menu options using the up and down buttons, to exit and save the configuration menu highlight the EXIT icon and press the Enter Button

It will be obvious as you go through the menu options, but some settings are ON/ OFF and their status changed using the Enter Button, others use the Left/ Right and UP/ Down Buttons to select the desired setting.

AI	Turn ON/ OFF AI Detection- Turn Off to use camera as a standard camera
ZONE	Modify Detection Zone (see below)
NO LINE	Shows/ Hides detection zone line
COLOUR	Fills detection zone with colour when a target is detected – Recommend Turn Off
HU DET	Enable Human Detection
HD FRAME	Display Frame around detected humans
HD ICON	Display Graphic Icon when human detected
VEH DET	Enable Vehicle Detect (Also requires trigger wire to activate)
VD FRAME	Display Frame around detected vehicles
VD ICON	Display Graphic Icon when vehicle detected
MIRROR	Mirror Camera Image (Note: Does not mirror the Detection Zone*)
FLIP	Flip Camera Images (Note: Does not flip the Detection Zone*)
SELECT AUDIO	Choose warning Message – Recommend use Bi-Bi option
SWITCH FPS	Change between 25 fps and 30 fps – Use 25 fps
EXIT	Save Settings and Exit Menu

Calibrating the Detection Zone

In this sub menu use the Enter Button to select each calibration point in turn. Use the Left/ Right, UP/Down Buttons to move each point.

When you have been through all calibration points the EXIT icon will be highlighted.

Important Note: Use UP/ Down button to toggle between SAVE and EXIT, make sure you Save the changes at this point. You then must re-enter the ZONE to make further changes.

*Please Note that the orientation of the detection zone cannot be changed, so cameras that will use BSD need to be ordered for installation on the Left or Right side of the vehicle