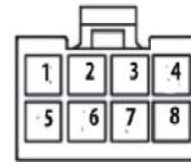


FLIR CONTROLLER & CAMERA HARNESS



8 pin Molex connector



View from wired side

CONTROLLER HARNESS

Pin 7 – Red wire: Accessory +12 volts.

Pin 3 – Black wire: Ground – (Chassis.)

Pin 4 – (Empty): Insert pinned Green or White wire from camera harness.

Pin 8 – Purple wire: +12 volt trigger. Apply power to this wire to activate 2x Zoom. One suggestion is to connect this to the high-beams for automatic activation, or to a toggle switch to power for manual activation.

CAMERA HARNESS

Red wire: Accessory +12 volts.

Black wire: Ground – (Chassis.)

Green or White wire: Pinned wire to controller (Insert into Pin 4 on FLIR controller harness)

RCA: Composite video output to screen

FLIR CONTROLLER & CAMERA HARNESS

FLIR Controller switch settings (for Full-Featured camera ONLY)

The standard controller uses a bank of 4 dipswitches on the board, while the deluxe controller has 4 pairs of wires, which are connected to 4 external toggle switches. Regardless of the location of the switches, their function remains the same. The default position of all switches is Off.

Switches 1, 2, 3: These switches control the color palette. Some common settings are:

1, 2, 3 Off: White hot (default.)

1 On, 2 & 3 Off: Black hot.

1 & 2 On, 3 Off: Rainbow.

1, 2, 3 On: Sepia (Brownish tones.)

Switch 4: This switch inverts the camera image upside down. This can be very useful for mounting the camera in a location where there is no room for the harness underneath.

FLIR Flip-Controller switch settings (for any camera)

The flip-controller also uses a bank of 4 dipswitches on the board, however, only the last 2 switches are functional. The default position of all switches is Off.

Switch 3: This switch inverts the camera image upside down. This can be very useful for mounting the camera in a location where there is no room for the harness underneath.

Switch 4: This switch mirrors the camera image right to left. This is necessary for mounting the camera facing backwards, so that the left to right orientation of the display is correct for use as a rear camera.