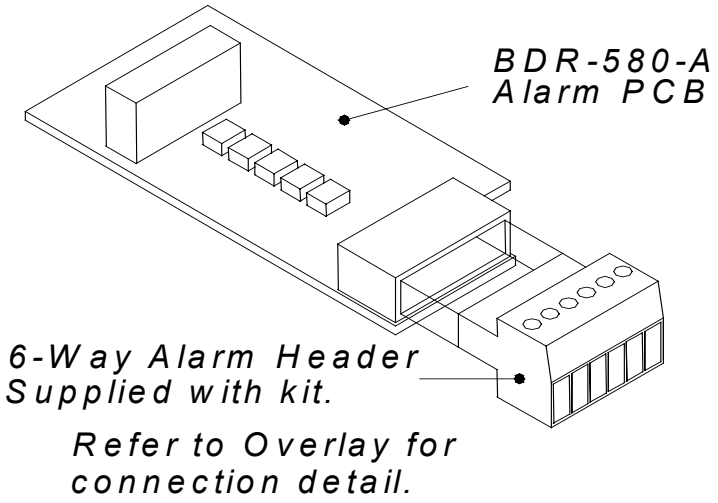
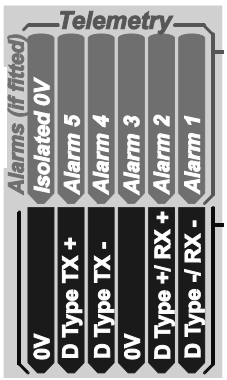
Alarms



The alarm board (**BDR-580-A** shown above) provides up to five optically isolated alarm inputs for general use. If required, this board is mounted on to the pin strip sections provided as shown in the photograph below. Connection to the PCB is via the upper Telemetry connector detailed below and on the PCB overlay.

Overlay Section

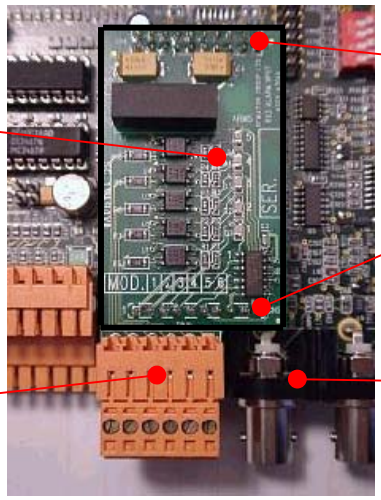


Alarms Inputs 1 to 5.

Dry contacts can be connected between the alarm inputs and the isolated 0 volts provided, and are configured at the controller as normally open or normally closed. To aid installation an LED indicator is provided (one for each alarm) on the PCB, which is illuminated when contact is made.

Fitting the Alarm Board

Numbered LED Indicators



Fit the alarm board to the double and single pin strip header provided as shown.

Connection is via the 6-Way upper telemetry connector (refer to the overlay section shown above).

Use the Video In/Out Connector for positional reference.

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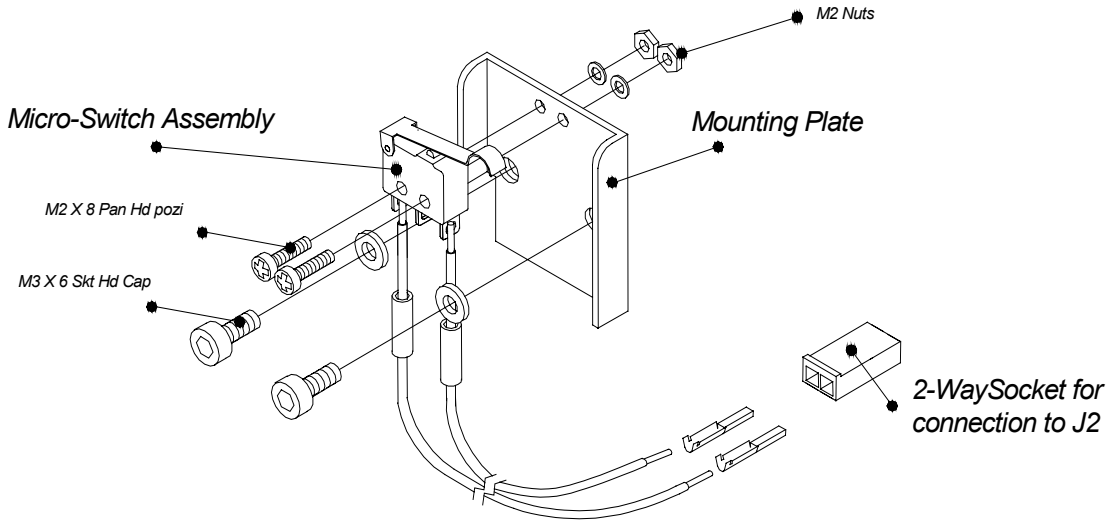
Tamper Alarm



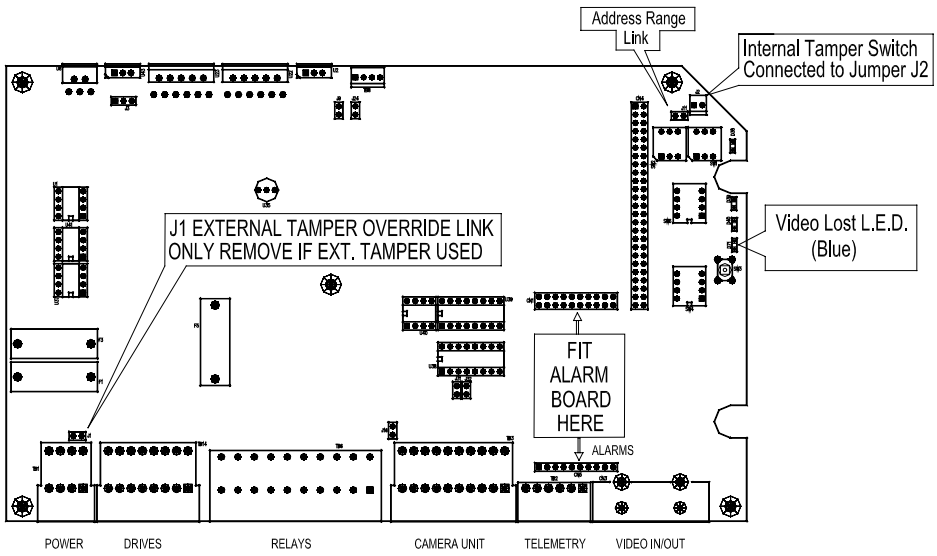
The tamper alarm assembly (**BDR-580-T** shown above) is a normally closed micro-switch fitted to the BDR-580 chassis plate at the rear of the PCB and terminated at jumper link J2 (see illustration below).

An additional tamper alarm contact is provided for convenience. Connection is between Tamper + and 0V on the Upper Power Connector. This is a general-purpose normally closed dry contact alarm input and can be used externally for example to connect to a tamper switch in a camera housing or equipment cabinet.

The two tamper contacts are in series, so if either or both alarms are not used, a shorting link must be placed across the relevant termination i.e. J1 or J2.
Jumpers J1 and J2 are shown in the illustration below.

If either alarm is activated at the receiver, the VIDEO LOST LED will flash fast. This is done to aid the installer who does not have the option to view on screen messaging.

NOTE: NEITHER TAMPER INPUT IS ISOLATED and therefore must only be used physically close to the Receiver unit. Other use may result in false alarms, or in some cases, damage to the Receiver.



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