

## Slow Shutter Close Corrective Measures (Uniblitz Model CS-65)

Your camera uses the highest quality shutter available, the Uniblitz 65mm. By design the shutters can be replaced without being returned to FLI in the event of damage or non-functionality. The Uniblitz CS-65mm shutter can become sluggish (closing) over time due to a combination of exposure frequency, age, temperature, and humidity that alter the shutter return spring's tension. If the shutter close time exceeds the camera's shutter delay (set in firmware), streaking will result as the image downloads with light falling on the sensor. The following steps will return your shutter to like-new performance.

The following corrective measures can generally be done without disconnecting the shutter.

The shutter return spring is held in place by an upper and lower spring tab.

The upper spring tab (marked in red below) ends in an 'L' shape.

Note the location of the top of your shutter's upper spring tab 'L' (Figure 1 location indicated by first tan line).

Grasp the spring tab at the location marked in red using a suitable pair of needle nose pliers.

Bend the tab by approximately 1mm towards the shutter blades.

The end of the upper spring tab 'L' should now be at the approximate location noted by the second tan line in Figure 1. This bend increases the shutter spring tension.

