

SLOT AND DOME MOTOR OPERATION

Slot Motor activation:

Activate 'Dome and Slot Control' using the Web Power Switch. Check that the switch on the side of the unit labeled CONTROL BOX is in the MANUAL position.



Using the 'OPEN' button on the hand pad, open the upper shutter. If you are opening the door more than half way, keep the motor engaged until the shutter is fully open. Failure to do so will allow the shutter to freefall, pick up too much speed, and cause possible damage to the slot stops located on the slot rails. The limit switch will operate when the shutter is fully open.



To close the upper shutter, ensure the lower slot door is closed. Rotate the dome until the slot motor assembly is located above dome bearing assembly '1'. Using the 'CLOSE' button on the hand pad, close the upper shutter. The limit switch will operate when the shutter is fully closed.

Dome rotation motor activation:

Using the 'LEFT' or 'RIGHT' button on the hand pad, rotate the dome in the desired direction. Limit switches will prevent the dome from rotating 360 °.



The dome can also be rotated by using the button and switch located on the dome motor control box.



If it is necessary to increase drive wheel to dome flange friction due to excessive slippage, adjust the tension by releasing the lower lock lever (2) and adjusting the jack screw tension with the upper ratchet (1). Lock the lower lever when done.



If the hand pad becomes unresponsive, re-seat the hand control cable into Scope Axis Panel RJ45 7 connector.



If the hand pad is still unresponsive, replace the 10 Amp Slo Blo fuse located on the side of the dome motor control box. If that doesn't work, replace the 2 Amp fuse located inside the dome motor control box. The fuse holder locations are shown in the accompanying images. Spare fuses are located in the bottom of the dome motor control box. If either fuse blows again, rotate the dome manually until you are finished your viewing session. Return the dome to the 'home' position and log a trouble report on the sign in sheet. It will be necessary to manually crank the upper shutter closed.

