

## SH-2 Shutter Controller Option



The SH-2 shutter card allows you to control the operation of two ASI shutters, and takes up a single slot in the PWR-ASI-6 power supply. Typically the SH-2 is used along with other modules, such as the FW-1000 filter wheel controller.

Shutters connected to the SH-2 can be controlled with the front panel toggle switch, with TTL inputs via BNC connectors on the front panel, by a foot switch connected to the same BNC connectors, and with RS-232 commands via the FW-1000 filter wheel controller (if one is installed in the same cabinet with the SH-2).

### SH-2 Specifications

Methods of Control	Serial Interface, TTL or Footswitch, Front Panel Toggle Switch
<b>Number of Shutter Channels per Card</b>	2
<b>0%-to-100% Opening Time from Trigger (N.C. shutter)</b>	8 ms
<b>100%-to-0% Closing Time from Trigger (N.O. shutter)</b>	7 ms
<b>Minimum 50%-to-50% Open Time (N.C. shutter)</b>	5 ms
<b>Minimum 50%-to-50% Closed Time (N.O. shutter)</b>	13 ms
<b>Minimum Total Window 0%-to-0%</b>	14 ms
<b>Minimum Trigger Width</b>	7 ms
<b>Peak Unsustained Repetition Rate</b>	40 Hz
<b>Maximum Sustained Repetition Rate</b>	5 Hz

*\* Using 25 mm aperture shutters equipped with standard black Teflon<sup>®</sup> coated shutter blades.*