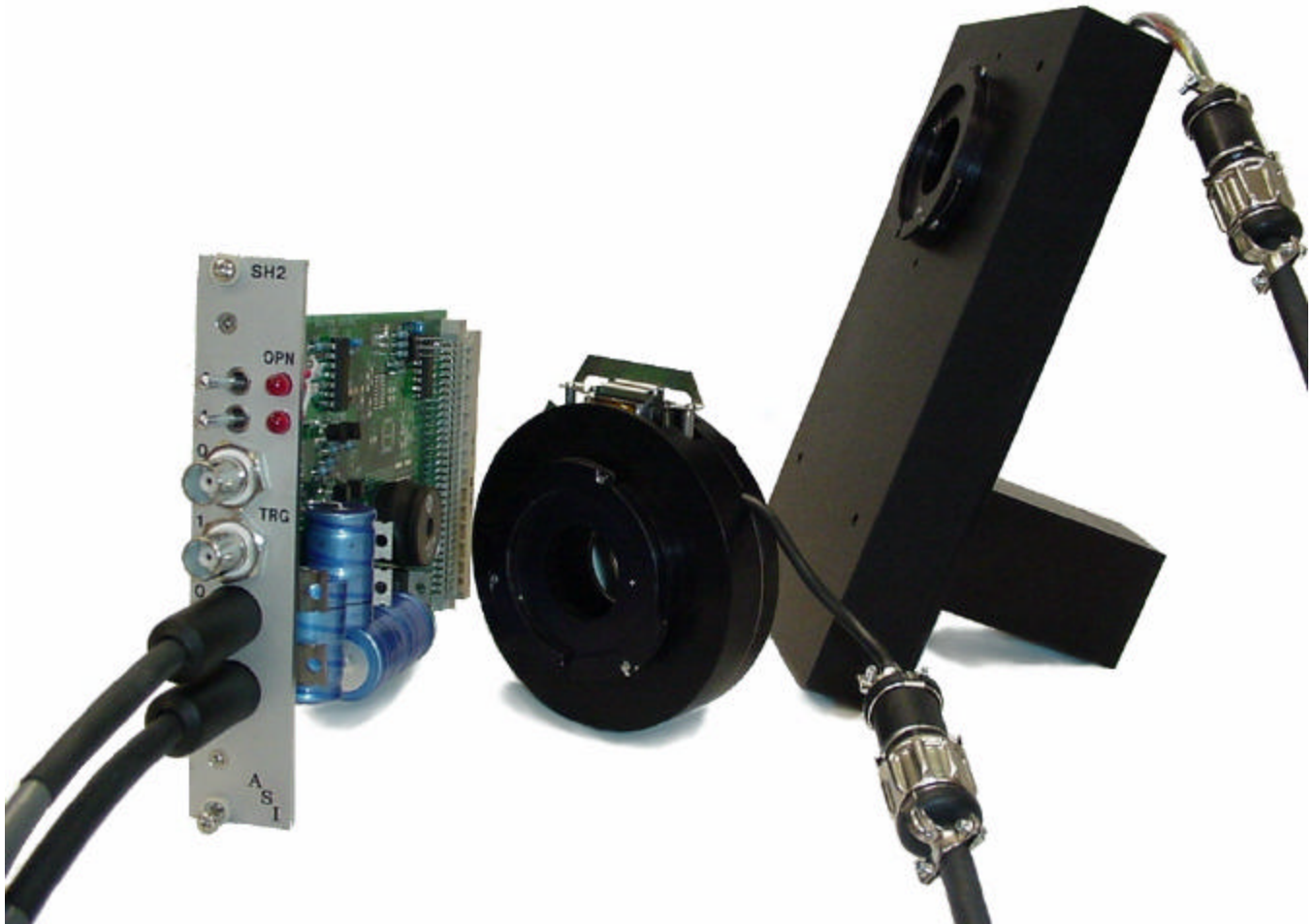


## SH-2 Shutter Controller Option



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).

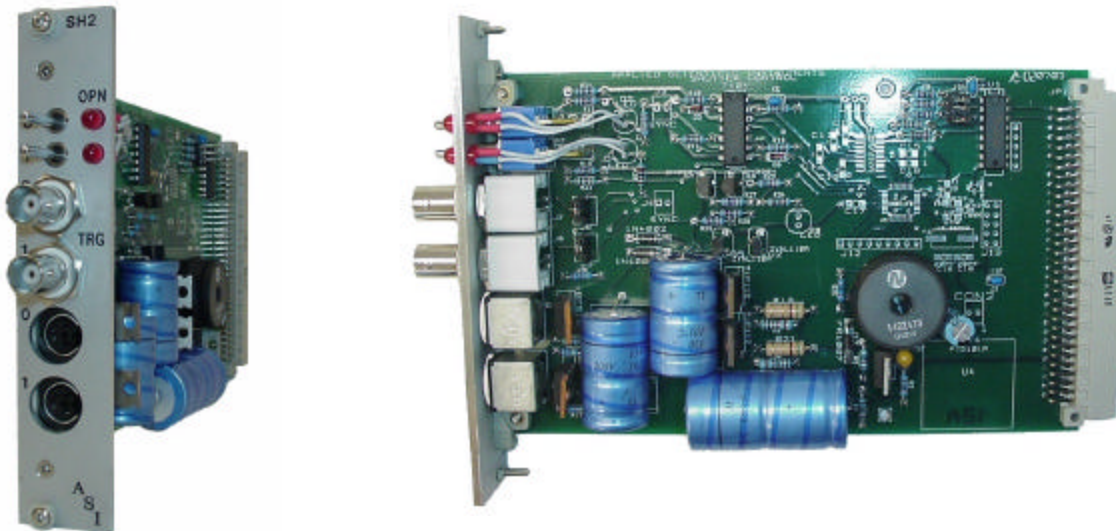
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(541) 461-8181 (800) 706-2284 info@ASImaging.com www.ASImaging.com*

## SH-2 Specifications\*

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

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



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