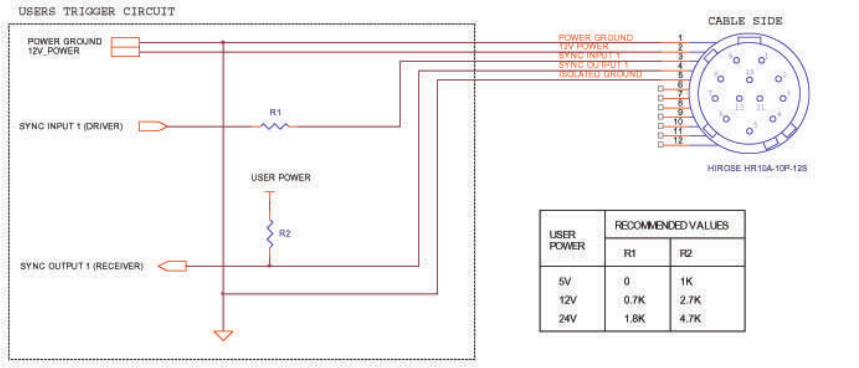
Working with the PSS-P-1H2BST-6 1stVision Power Supply and Prosilica GC cameras

Pinouts for the 12 Pin Hirose Connector on Prosilica GC cameras are shown in the table below. Corresponding wiring to the power supply is in the 2nd column of the table. These use the ISOLATED lines of the GC camera.

Hirose Pin #	Description
1	Power Ground
2	12V Power
3	Input 1 (center tap BNC)
4	Ouput 1 (center tap BNC)
5	Shield/Shell of BNCs

To use this supply with this camera, plug supply into AC voltage, and hirose connector into the back of the camera. Power is already wired through. To use the input or output from the camera, connect the BNCs on the pigtail as shown in the circuit below. Note that the output circuit is an open collector, and use the appropriate resistor depending upon your source voltage. Refer to the Prosilica GC manual for more details.



This circuit assumes a 10mA drive current (I_F) from User's trigger circuit into camera through R1. R2 is connected to the open collector of Fairchild MOCD207. The corresponding transistor emitter is connected to isolated ground. See the Fairchild MOCD207 datasheet for more detailed information.