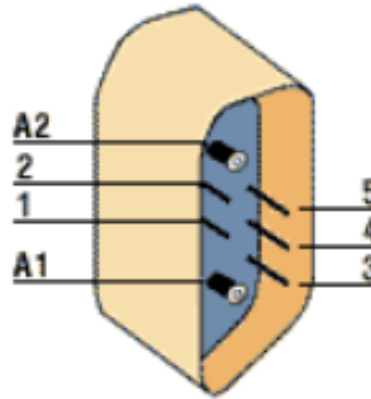


Matrox Genesis – Analog Video Input Connector (STD Module)

The two analog video input connectors are DVI dual channel input female connectors. They are used to receive video input signals and transmit/receive timing, synchronization, and communication signals between the camera and the frame grabber.

Pin	Signal
A1	Analog video input 1 (red)
A2	Analog video input 2 (green)
1	TTL trigger input +
2	Ground
3	TTL trigger input -
4	Analog video input 4 (alpha)
5	Analog video input 3 (blue)



Matrox cable is available to interface to this connector. A custom cable can be built using the following components:

Part Description	Manufacturer	Part no.
Coaxial housing	ITT Cannon	DAM7W2SMA197
Shielded metalized plastic backshell	ITT Cannon	DA121073-150
75-Ohm contact	ITT Cannon	DM53742-31
Extended jackscrew	ITT Cannon	250-8501-010