

## Serial Link Setup:

9600 baud, 1 start bit, 1 stop bit, 8 data bits, odd parity

## Camera Initialization Sequence

Packet	Command to the Camera	Response from the Camera
1	0x02'c''k''k'0x04	
2	0x02'c''k''i''0''n'0x04	0x02'l''v''r'0x04
3	0x02'c''k''d''0'0xF20x04	0x02'l''v''r'0x04
4	0x02'c''k''z''0''m'0x04	(~3 sec. delay) 0x02'l''v''r'0x04

## Camera Motion Commands

Command	Command to the Camera	Response from the Camera
Start	0x02'c''k''r''0''k'<axis><dir><timeout>0x04	0x02'k''k''a''c'<axis><dir> AND 0x02'l''v''r'0x04
Continue	0x02'c''k''c''0''k'<axis><dir>0x04	0x02'l''v''r'0x04
Stop	0x02'c''k''p''0''k'<axis><dir>0x04	0x02'l''v''r'0x04

<axis>: 'p' (pan) | 't' (tilt) | 'z' (zoom)

<dir>: 'l' (left) | 'r' (right) -- for pan

'u' (up) | 'd' (down) -- for tilt

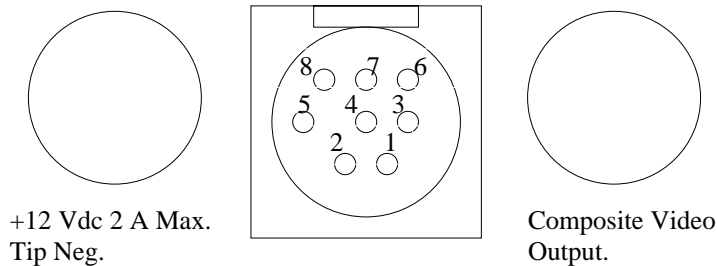
'i' (in) | 'o' (out) -- for zoom

<timeout>: three ASCII-DECIMAL bytes (tens of milliseconds)

Note.

1. The initialization sequence must be sent first after power up and in the order as shown.
2. Next command should not be sent to the camera before the expected response(s) to the previous command is received from the camera.
3. To keep the camera moving, Continue commands must be sent at intervals no greater than the time out period specified in the Start command.

Rear view of Camera.



Pinout:

1	Camera Rx
2	Camera Tx
3	GND
4	NC
5	GND
6	Video Out (Luma)
7	+12V in
8	Video Out (Chroma)

Notes:

Camera can be powered by either source location. DC jack overrides the 8pin Din.

Luma, Chroma and Composite are available simultaneously.

Both GND pins should be tied to GND