

9.2 Connector Pin Assignments and Numbering

9.2.1 12-Pin Receptacle Pin Assignments

The 12 pin receptacle is used to access the two physical input lines and four physical output lines on the camera. It is also used to supply power to the camera. The pin assignments for the receptacle are shown in Table 5.

| Pin | Designation |
|-----|--|
| 1 | Camera Input Power Gnd * |
| 2 | Camera Input Power Gnd * |
| 3 | I/O Input 1 (+5 to +24 VDC) |
| 4 | I/O Input 2 (+5 to +24 VDC) |
| 5 | I/O Input Gnd |
| 6 | I/O Output 1 |
| 7 | I/O Output 2 |
| 8 | Camera Input Power VCC ** (+12 to +24 VDC) |
| 9 | Camera Input Power VCC ** (+12 to +24 VDC) |
| 10 | I/O Output VCC (+5 to +24 VDC) |
| 11 | I/O Output 3 |
| 12 | I/O Output 4 |

Table 5: Pin Assignments for the 12-pin Receptacle



Note

* Pins 1 and 2 are tied together inside of the camera.

** Pins 8 and 9 are tied together inside of the camera.

To avoid a voltage drop with long input power wires, we recommend that you supply input power VCC through separate wires between your power supply and pins 8 and 9 on the camera. We also recommend that you supply input power ground through separate wires between your power supply and pins 1 and 2 on the camera.