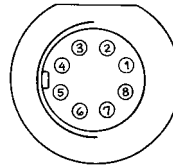


Camera Electronic Pin-outs

These are electronic pinout diagrams for all of us mortals without degrees in electronic engineering. The charts are simplified renderings, and are not meant to be used by anyone designing accessories for the camera.

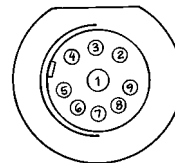
8-pin CCU

- | | |
|---|------------------------|
| 1 | RS-232 transmit |
| 2 | RS-232 receive |
| 3 | +24 v accessory output |
| 4 | accessory ground |
| 5 | LTC timecode output |
| 6 | input/output (I/O) |
| 7 | accessory ground |



9-pin ACC

- | | |
|---|---|
| 1 | Remote Start.
Momentary connection to pin 4 starts/stops camera. |
| 2 | Motor Tachometer signal out |
| 3 | +24 v (max 3A, 5A peak) accessory output |
| 4 | accessory ground |
| 5 | accessory identifier |
| 6 | accessory identifier |
| 7 | timecode out |
| 8 | timecode in |
| 9 | Startmark |

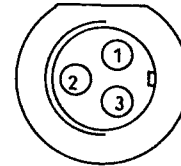


Pins 5 and 6 are used to identify the device being plugged in by various combinations of bridging that pin to ground.

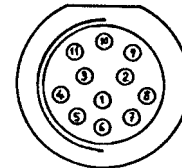
If pins 4 and 5 are jumpered together, timecode in and out on pins 7 and 8 is enabled. Pins 7 and 8 have different functions depending on how pins 5 and 6 are wired.

RS

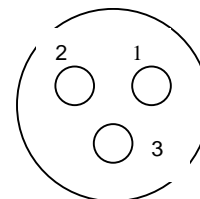
- 1 Ground
- 2 +24 v (max 3A, 5A peak)
- 3 Remote Start/Stop
Also output for shutter pulse when camera runs

**11 Pin Fischer**

- 7 Analog remote Start/Stop
(like the 35-3)
- 9 Ground
- 11 +12.6 v (max 3A, 5A peak)

**ARRI Style Battery**

- 1 Ground
- 2 +26 V DC (ideally)

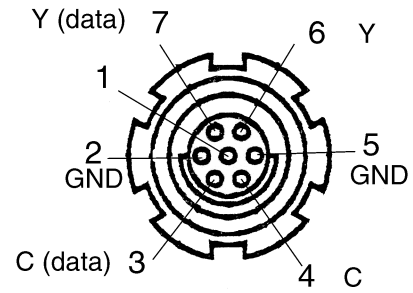
**Power**

All 24 V DC Power sockets total: max. 3 amp continuous, 5 amp peak

All 12 V DC Power sockets: max 3 amp continuous, 5 amp peak

Fuses: All 435 fuses are self-resetting, thermal polyfuses. If “blown,” an LED next to the offending socket will illuminate. To reset, disconnect and wait a minute..

IVS S-Video Receptacle



IVS Mini-Monitor Receptacle

- Pin 1 GND
- Pin 2 Signal Shield
- Pin 3 Composite Video
- Pin 4 +12 V (.75 A max. = 9 W)

