**Power, Video, Audio and Control Cabling**

**Power, Video, Audio and Control Cabling**

**RS-422 Serial**
- A breakout cable connects to the Serial port and provides 8 RJ45 serial connectors.
- Both RS-422 serial and ethernet control are supported for remote control over the first 8 channel transports. RJ45 to D9 adapters are also provided.

**AVC-Intra (12-Channel)**
- Audio Monitoring (Ch A-D)
- Channel A SDI Out
- Channel A SDI In to Record
- Quad Out (Ch E-H)
- Reference

**DVCPRO-HD (8-Channel)**
- Audio Monitoring (Ch A-D)
- Channel A SDI Out
- Channel A SDI In to Record
- Quad Out (Ch E-H)
- Reference

**Notes:**
- Only the Reference BNC (Ref In) on the left (Ch A-D) card is operational when more than one card is installed.
- The AES Digital Audio I/O ports require the TASCAM AES DIGITAL DB25 Breakout Cable option (not supplied with system).
- The number of SDI inputs and outputs depends on the model of server you have.
- If you are recording from, or playing into, an external device you must have all devices connected to the same reference signal to ensure proper audio/video synchronization.
- A breakout cable connects to the Serial port and provides 8 RJ45 serial connectors.
- Both RS-422 serial and ethernet control are supported for remote control.
- The TC In (LINE IN) audio port is used for TC Chase.

**SDI Video Formats**
- **AVC-Intra (12-Channel)**
  - 521 (480), 55-3.4kHz: Yes
  - 720p (576p), 50kHz: Yes
  - 1080i: 59.94Hz: Yes
  - 1080p: 59.94Hz: Yes
  - SMPTE 259M 10-bit at 270Mb/s: Yes

- **DVCPRO-HD (8-Channel)**
  - 521 (480), 55-3.4kHz: Yes
  - 720p (576p), 50kHz: Yes
  - 1080i: 59.94Hz: Yes
  - 1080p: 59.94Hz: Yes
  - SMPTE 259M 10-bit at 270Mb/s: Yes

**RS422 (RJ45/D9)**
- **Pin**
  - 1: Gnd
  - 2: Tx
  - 3: Rx
  - 4: n/c
  - 5: n/c
  - 6: Rx
  - 7: Tx
  - 8: n/c

**Port Pinouts**

**Installations and Cabling**

**Power, Video, Audio and Control Cabling**

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**Port Pinouts**

**Installations and Cabling**

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**Port Pinouts**

**Installations and Cabling**
User Interface Cabling

Caution: Before you set up and operate your server, see the “Important Safety Instructions” in your User manual.

Note: The Mira Control Surface connects to the AVC-Intra and the DVCPRO-HD systems in the same way.