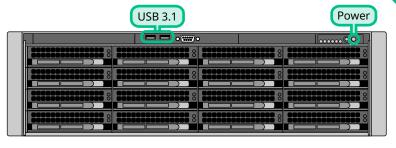
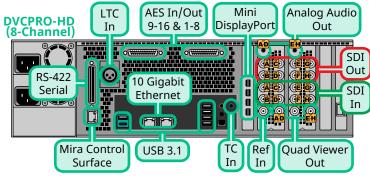
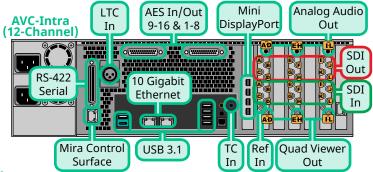
Installation and Cabling

Ports and Connectors







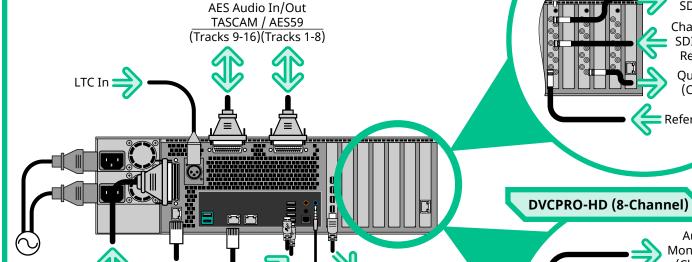
Notes:

- Only the Reference BNC (Ref In) on the left (Ch A-D) card is operational when more than one card is installed.
- The AES59 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.

Power, Video, Audio and Control Cabling

Note: The number of Video I/O cards in your server depends on the options installed. Every video channel features an SDI input and SDI output; and every channel can be used as a recorder or player.

Note: An octal breakout cable is supplied with the server and provides 8 RI45 male connectors for serial control over the first 8 channel transports. RJ45 to D9 adapters are also provided.



PC Mouse

& Keyboard

Audio Monitoring (Ch A-D) Channel A SDI Out

AVC-Intra (12-Channel)

Channel A SDI In to Record **Quad Out** (Ch E-H)

Reference

Audio

Monitoring

(Ch A-D)

Channel A

SDI Out

Channel A

SDI In to

Record **Quad Out** Ch A-D

Reference

RS422

Port Pinouts

(RJ45/DB9) Signal Gnd 2 Tx-Rx+ 4 Rx Gnd n/c Tx Gnd Tx+ Rx-

IN 4 OUT 2 OUT 4

Cold

Cold

Cold Cold Cold Cold

AES59-2012 (TASCAM) AES3 Port

Mira Control

Surface

RS-422

Serial

Note: It is recommended that you always connect the AC Power Adapter to the device before connecting to Mains Power.

Ethernet

Specifications

Mains

SDI Video Formats	AVC-Intra	DVCPro-HD
525i (480i) 59.94Hz	No	Yes
625i (576i) 50Hz	No	Yes
720p 50/59.94Hz	Yes	Yes
1080i 50/59.94Hz	Yes	Yes
1080p 23.98/24Hz	No	No
1080p 50/59.94Hz	Yes	No
UHDTV1 50/59.94Hz	Yes	No

Default Passwords		
Windows	Abekas	
Administrator multiflex		
Input Voltages		
100 to	240V~	
3 to	1.5A	
60 to		

Computer Monitor

(1920×1080)

Timecode IN

(line in port)

Operating Environment		
Temperature:	20 - 35°C (68 - 95°F)	
Humidity:	20 - 80%	

Video/Audio Input Specifications

Video Inputs, SDI SMPTE 292M/424M/ST-2082 **Embedded Audio** 14 Channels, 48kHz at 24-bit **AES Discrete Audio** 8 or 16 Channels AES59-2012 TASCAM AES3 Digital Tri-Level HD or Composite Analog

Reference Input SD: Terminating **Video/Audio Output Specifications** SMPTE 292M/424M/ST-2082

Video Outputs, SDI Embedded Audio, HD-SDI 14 Channels, 48kHz at 24-bit **AES Audio**

8 or 16 Channels AES59-2012 TASCAM AES3 Digital 3.5mm headphone connector,

Analog Audio Monitoring

unbalanced, line-level at -10dBy. Tracks (1 stereo pair), user selectable to monitor any out

Note: Some video formats require specific hardware to be installed in your server.



