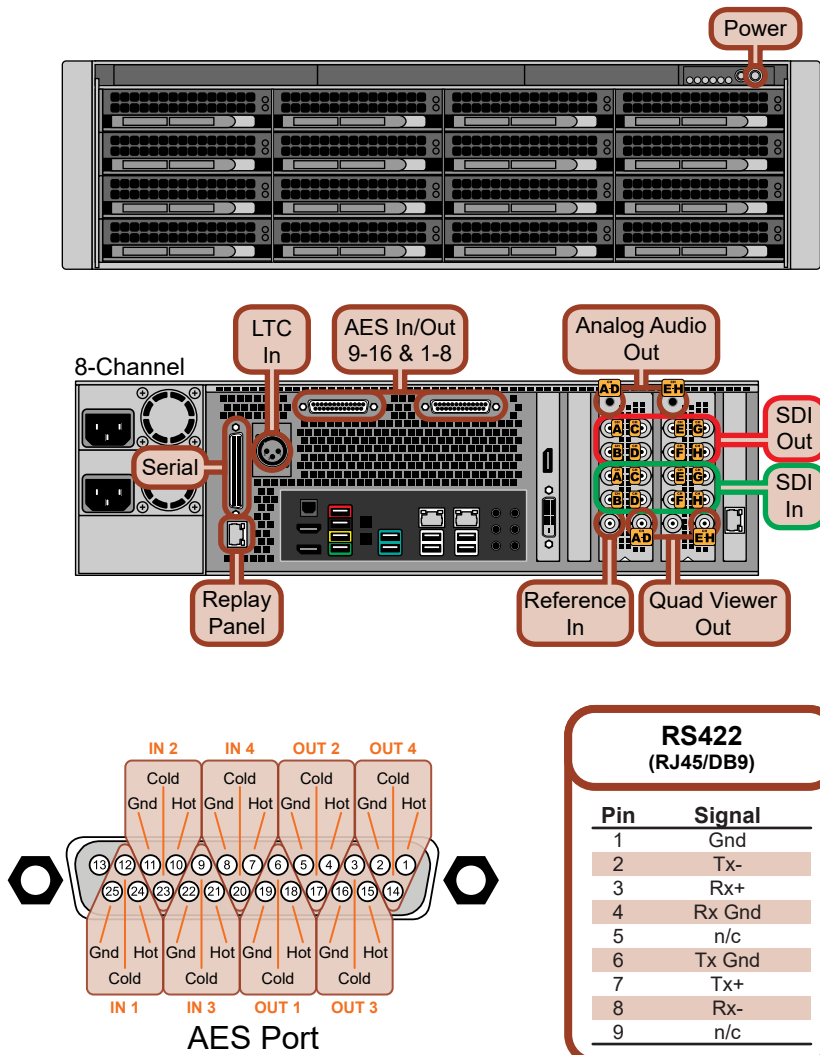


Ports and Connectors

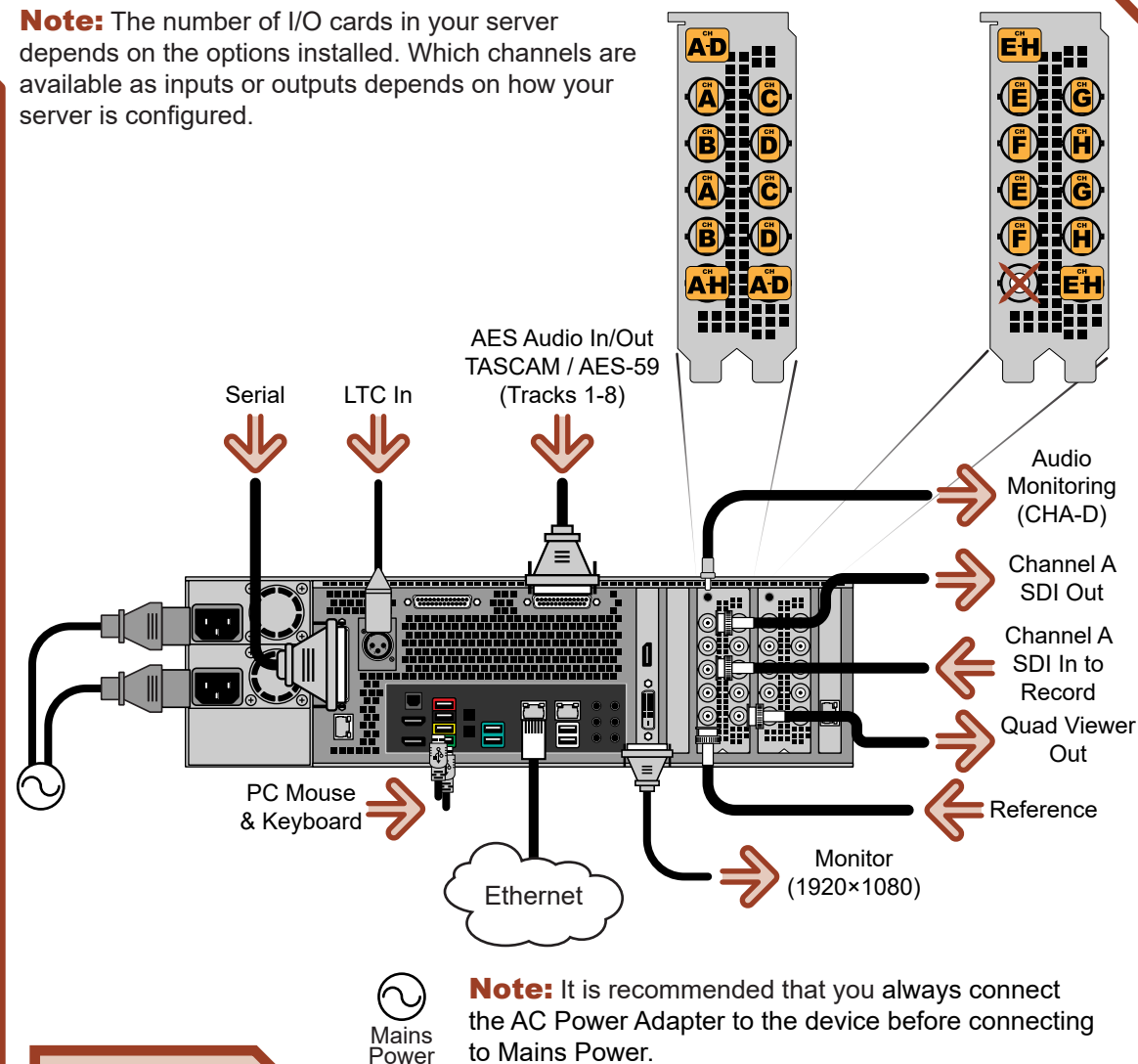


Notes:

- Only the Reference BNC on the left (CHA-D) card is operational when two cards are installed.
- The AES Digital Audio ports are only available on the Mira Replay.
- The number of SDI inputs and outputs depends on the model of server you have.
- If you are recording from, or outputting to, an external device you must have all devices connected to the same reference signal to ensure proper timing.
- A breakout cable connects to the Serial port and provides 8 RJ45 serial connectors.
- The RJ45 connectors and DB9 adapters have the same pinout for serial control.
- Both RS-422 serial and ethernet control are supported for remote control.

Power and Control Cabling

Note: The number of I/O cards in your server depends on the options installed. Which channels are available as inputs or outputs depends on how your server is configured.



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

Specifications

SDI Video Formats	
525i (480i) 59.94Hz	
625i (576i) 50Hz	
720p 60Hz	
720p 59.94Hz	
720p 50Hz	
1080i 59.94Hz	
1080i 50Hz	
1080pSF 24Hz (J2K)	
1080pSF 23.98Hz (J2K)	
1080p 59.94Hz	
1080p 50Hz (AVC-Intra)	

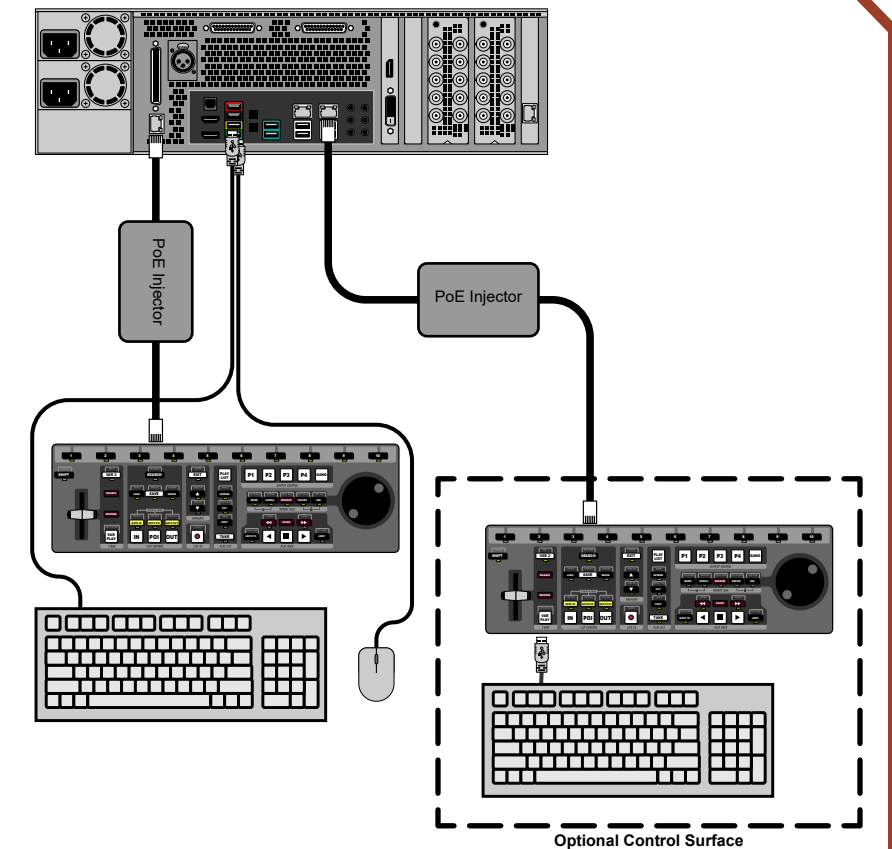
Default Passwords	
Windows	Abekas
Administrator	multiflex
Input Voltages	
	100 to 240V~
	3 to 1.5A
	60 to 50Hz
Operating Environment	
Temperature:	20 - 35°C (68 - 95°F)
Humidity:	20 - 80%

Video/Audio Input Specifications	
Video Inputs, HD-SDI	SMPTE 292M 10-bit at 1.5Gb/s
Video Inputs, SD-SDI	SMPTE 259M 10-bit at 270Mb/s
Embedded Audio, HD-SDI	8 Tracks, 48kHz at 24-bit
Embedded Audio, SD-SDI	4 Tracks, 48kHz at 20-bit
AES Discrete Audio	8 or 16 Tracks TASCAM Digital/AES59-2012
Reference Input	Tri-Level HD or Composite Analog SD; Terminating
Native Codec	JPEG-2000 Compression @ 25Mb/s to 200Mb/s

Video/Audio Output Specifications	
Video Outputs, HD-SDI	SMPTE 292M 10-bit at 1.5Gb/s
Video Outputs, SD-SDI	SMPTE 259M 10-bit at 270Mb/s
Embedded Audio, HD-SDI	8 Tracks, 48kHz at 24-bit
Embedded Audio, SD-SDI	4 Tracks, 48kHz at 20-bit
AES Audio	8 or 16 Tracks TASCAM Digital/AES59-2012
Analog Audio Monitoring	3.5mm headphone connector, unbalanced, line-level at -10dBv, 2 Tracks (1 stereo pair), user selectable to monitor any out
Native Codec	JPEG-2000 Compression @ 25Mb/s to 200Mb/s

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

Control Surface Connection



Note: A keyboard can be connected to the optional Control Surface, but only a single mouse can be connected to the system.

