

# AJA KUMO 3232 32x32 Compact 3G-SDI/HD-SDI/SDI Router

## Video Formats

- 525i 29.97
- 625i 25
- 720P 50, 59.94, 60
- 1080i 25, 29.97, 30
- 1080PsF 23.98, 24, 25, 29.97, 30
- 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60

## Video Input Digital

- SD/HD/3G SDI, SMPTE-259/292/296, 8- or 10-bits
- Single link 4:2:2 (1 x BNC per input)

## Video Output Digital

- SD/HD/3G SDI, SMPTE-259/292/296, 8- or 10-bits
- Single link 4:2:2 (1 x BNC per output)

## Audio Input Digital

- 8-channel, 24-bit SMPTE-259 SDI embedded audio, 48kHz sample rate, Synchronous

## Audio Output Digital

- 8-channel, 24-bit SMPTE-259 SDI embedded audio, 48kHz sample rate, Synchronous

## Timecode

- SDI RP188 preserved from inputs to outputs

## Reference Input

- Analog Color Black (1V) or Composite Sync (2 or 4V)
- Looping, non-terminating.

## Network Interface

- 10/100/1000 Ethernet (RJ-45)
- Embedded web server for remote control

## Machine Control

- RS-422, Grass Valley Native Protocol
- 9-pin D-connector pinout is as follows:

1	GND
2	RX-
3	TX+
4	GND
5	No Connection
6	GND
7	RX+RX+
8	TX-
9	GND
Shell	GND

## Physical

- Width: 19" (48.26cm)
- Depth: 1.5" (3.81cm)
- Height: 3.5" (8.90cm)
- Power: 100-240 VAC 50/60Hz , 9-18 VDC (Dual, redundant external power supplies)  
26.4 Watts, 2.2A at 12VDC
- Weight: 4.58 lbs. (2.1 kg)
- Environment:
  - Operating temperature: 0 to 40 degrees C

- Relative humidity: 0 to 90%, non-condensing