

AJA KUMO 6464 64x64 Compact 3G-SDI/HD-SDI/SDI Router

Video Formats

- (HD) 1080i 25, 29.97, 30
- (HD) 1080PsF 23.98, 24, 25, 29.97, 30
- (HD) 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- (HD) 720p 50, 59.94, 60
- (SD) 625i 25
- (SD) 525i 29.97

Video Input Digital

- 3G-SDI, SMPTE-259/292/424, 8 or 10-bits
- Single Link 4:2:2 (1 x BNC per input)

Video Output Digital

- 3G-SDI, SMPTE-259/292/424 8 or 10-bits
- Single Link 4:2:2 (1 x BNC per input)
- Reclocker: SMPTE 259/292/424 compliant, automatic rate selection

Audio Input Digital

- 8-Channel, 24-bit SMPTE-259 SDI embedded audio, 48 kHz sample rate, synchronous

Audio Output Digital

- 8-Channel, 24-bit SMPTE-259 SDI embedded audio, 48 kHz sample rate, synchronous

Switching Modes

- Quad Link
- Supports 4K/UltraHD
- Dual Link
- Multiport SDI switching for 2 or 4 sources at once

Timecode

- SDI RP188 preserved from inputs to outputs

Reference Input

- Analog Color Black (1V) or Composite Sync (2 or 4V)
- Looping, nonterminating

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

Size (w x d x h)

- 19.0" x 1.5" x 7" (482.6mm x 38.1mm x 178.0mm)

Weight

- 9.2 lbs (4.2 kg)

Power

- 100-240 VAC 50/60 Hz, 9-17 VDC, 12 VDC nominal, Optional redundant power supply
- 35 watts, 2.9A at 12VDC

Environment

- Safe Operating Temperature: 0 to 40 degrees C (32 to 104 degrees F)
- Safe Storage Temperature (Power OFF): -40 to 60 degrees C (-40 to 140 degrees F)
- Operating Relative Humidity: 10-90% noncondensing
- Operating Altitude: <3,000 meters (<10,000 feet)