

AJA OG-UDC 3G-SDI Up/Down/Cross-Converter with DashBoard Support

Video Formats

- (2K) 2048 x 1080p
- (2K) 2048 x 1080PsF
- (HD) 1920 x 1080p
- (HD) 1920 x 1080PsF
- (HD) 1920 x 1080i
- (HD) 1280 x 720p
- (SD) 720 x 625i
- (SD) 720 x 576i
- (SD) 720 x 480i

Video Input Digital

- 1x 3G-SDI BNC, SMPTE-259/292/372/424
- (2K) 2048 x 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- (2K) 2048 x 1080PsF 23.98, 24, 25, 29.97, 30
- (HD) 1920 x 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- (HD) 1920 x 1080PsF 23.98, 24, 25, 29.97, 30
- (HD) 1920 x 1080i 50, 59.94, 60
- (HD) 1280 x 720p 50, 59.94, 60
- (SD) 720 x 576i 50, 59.94, 60

Video Output Digital

- 1x 3G-SDI BNC, SMPTE-259/292/372/424
 - (HD) 1080p 23.98 (for 23.98 video inputs)
 - (HD) 1080p 24 (for 24 video inputs)
 - (HD) 1080p 25 (for 50 video inputs)
 - (HD) 1080p 29.97 (for 59.94 video inputs)
 - (HD) 1080p 30 (for 60 video inputs)
 - (HD) 1080p 50 (for 50 video inputs)
 - (HD) 1080p 59.94 (for 23.98, 59.94 video inputs)
 - (HD) 1080p 60 (for 24, 30 or 60 video inputs)
 - (HD) 1080PsF 23.98 (for 23.98 video inputs)
 - (HD) 1080PsF 24 (for 24 video inputs)
 - (HD) 1080PsF 25 (for 50 video inputs)
 - (HD) 1080PsF 29.97 (for 59.94 video inputs)
 - (HD) 1080PsF 30 (for 30 or 60 video inputs)
 - (HD) 1080i 59.94 (for 23.98, or 59.94 video inputs)
 - (HD) 1080i 60 (for 24, 30, or 60 video inputs)
 - (HD) 1080i 50 (for 25 or 50 video inputs)
 - (HD) 720p 50 (for 50 video inputs)
 - (HD) 720p 59.94 (for 23.98, 59.94 video inputs)
 - (HD) 720p 60 (for 24, 30, or 60 video inputs)
 - (SD) 625i 50 (for 25 or 50 fps video inputs).
 - (SD) 525i 59.94 (for 23.98 or 59.94 video inputs)

Reference Input

- Supported reference video inputs include:
 - 1080i tri-level sync
 - 1080p tri-level sync
 - 720p tri-level sync
 - 625i Color Black
 - 525i Color Black
- 75 ohm terminating

HDMI Output

- 10-bit HDMI v1.4a

Audio I/O

- 16-Channel embedded SDI audio input
- 16-Channel embedded SDI audio output
- 8-Channel HDMI audio output
- Balanced analog audio outputs, 2x 3-Pin terminal blocks connectors

User Controls

- External DIP switch
- openGear DashBoard network control software via Windows, macOS or Linux

Size (w x d x h)

- openGear standard form factor, front slot and rear card. Two slots required for each card.

Weight

- 0.5 lb (0.3 kg)

Power

- openGear frame compatible, 3.0 watts max per card

Environment

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