

ADVC G-Series I/O and Format Comparison Guide

| | Model | ADVC G1 | ADVC G2 | ADVC G3 | ADVC G4 |
|----------------|-----------------------------|-------------------|-------------------------------|-------------------------------------|----------------------------------|
| | Description | Any In, SDI Out | SDI & HDMI In to Analog & SDI | 2 x SDI to HDMI 1.4 with 3D support | Sync Generator with Reference In |
| Input | HD-SDI / SD-SDI | No | Yes | Yes (x2) | No |
| | HDMI | Yes | Yes | No | No |
| | DVI | Yes | No | No | No |
| | Analog RGB | Yes | No | No | No |
| | Component | Yes | No | No | No |
| | S-Video | Yes | No | No | No |
| | Composite | Yes | No | No | No |
| | Analog Audio | Yes | No | No | No |
| | AES/EBU | Yes | No | No | No |
| | Ref In (frame synchronizer) | Yes | Yes | No | Yes |
| Output | Upconversion | Yes | No | No | No |
| | Downconversion | No | Yes | No | No |
| | HD-SDI / SD-SDI | Yes (x2) | Yes (x2) | No | No |
| | HDMI | No | No | Yes | No |
| | 3D Muxing | No | No | Yes | No |
| | DVI | No | No | No | No |
| | Analog RGB | No | No | No | No |
| | Component | No | Yes | No | No |
| | S-Video | No | Yes | No | No |
| | Composite | No | Yes | No | No |
| | AES/EBU | No | Yes | Yes | No |
| | Analog Audio | No | Yes | Yes | No |
| | Ref Out | No | No | No | Yes (x9) |
| Format Support | PAL / NTSC | Yes | Yes | Yes | Yes |
| | PC Resolution | Up to 1920 x 1200 | No | No | No |
| | 1080i50 | Yes | Yes | Yes | Yes |
| | 1080i59.94 | Yes | Yes | Yes | Yes |
| | 1080i60 | Yes | Yes | Yes | Yes |
| | 1080p23.98 | Yes | Yes | Yes | Yes |
| | 1080p24 | Yes | Yes | Yes | Yes |
| | 1080p25 | Yes | Yes | Yes | Yes |
| | 1080p29.97 | Yes | Yes | Yes | Yes |
| | 1080p30 | Yes | Yes | Yes | Yes |
| | 1080p50 | Yes | Yes | Yes | No |
| | 1080p59.94 | Yes | Yes | Yes | No |
| | 1080p60 | Yes | Yes | Yes | No |
| | 720p23.98 | Yes | Yes | Yes | Yes |

I/O and Format Comparison Guide (cont.)

| | Model | ADVC G1 | ADVC G2 | ADVC G3 | ADVC G4 |
|------------------------|--------------|-----------------|-------------------------------|-------------------------------------|----------------------------------|
| | Description | Any In, SDI Out | SDI & HDMI In to Analog & SDI | 2 x SDI to HDMI 1.4 with 3D support | Sync Generator with Reference In |
| Format Support (cont.) | 720p24 | Yes | Yes | Yes | Yes |
| | 720p25 | Yes | Yes | Yes | Yes |
| | 720p29.97 | Yes | Yes | Yes | Yes |
| | 720p30 | Yes | Yes | Yes | Yes |
| | 720p50 | Yes | Yes | Yes | Yes |
| | 720p59.94 | Yes | Yes | Yes | Yes |
| | 720p60 | Yes | Yes | Yes | Yes |
| | 1080psf23.98 | Yes | Yes | Yes | Yes |
| | 1080psf24 | Yes | Yes | Yes | Yes |
| | 1080psf25 | Yes | Yes | Yes | Yes |
| | 1080psf29.97 | Yes | Yes | Yes | Yes |
| | 1080psf30 | Yes | Yes | Yes | Yes |
| | 1035i59.94 | No | Yes | Yes | No |
| | 1035i60 | No | Yes | Yes | No |
| Input Signals | SMPTE 259M | No | Yes | Yes | No |
| | SMPTE 292M | No | Yes | Yes | No |
| | SMPTE-424 | No | Yes | Yes | No |
| | YPbPr (SD) | Yes | No | No | No |
| | EBU-N10 (SD) | Yes | No | No | No |
| | Betacam (SD) | Yes | No | No | No |
| | YC (SD) | Yes | No | No | No |
| | YPbPr (HD) | Yes | No | No | No |
| | HDMI | Yes | Yes | No | No |
| Output Signals | SMPTE 259M | Yes | Yes | No | No |
| | SMPTE 292M | Yes | Yes | No | No |
| | SMPTE-424 | Yes | Yes | No | No |
| | YPbPr (SD) | No | Yes | No | No |
| | EBU-N10 (SD) | No | Yes | No | No |
| | Betacam (SD) | No | Yes | No | No |
| | YC (SD) | No | Yes | No | No |
| | YPbPr (HD) | No | Yes | No | No |
| | HDMI | No | No | Yes | No |