

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

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Format Support (cont.)	720p23.98	Yes	Yes	Yes	Yes
	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