

Converter boxes to add the DreamColor monitor to an existing HD-SDI system that doesn't already qualify with a compatible onboard HDMI or DisplayPort output

Timeline setting	AJA HDP2	AJA Hi5-3G	Blackmagic HDLink Pro DisplayPort
SD (NTSC/PAL)	✓	NO No de-interlacer in Hi5-3G	✓
720p all framerates	✓	✓	✓ as long as all 720p framerates are received as 50p or 59.94p over HD-SDI.
Can pass 720p as 1:1, leaving the scaling (or 1:1) to the DreamColor monitor (preferred method).	✓	✓	✓
Auto-detect 1:1 to leave optional scaling to monitor in case of 720p	NO, currently requires manual reconfiguration, but maybe with a future firmware update	NO, currently requires manual reconfiguration, but maybe with a future firmware update	✓
1080p23.976	✓	✓	✓
1080p25	✓	✓	✓
1080p29.97	✓	✓	✓
1080p50	NO No 3G-SDI in HDP2	✓	✓
1080p59.94	NO No 3G-SDI in HDP2	✓	✓
1080i50	✓	NO, not DC Engine compliant. No de-interlacer in Hi5-3G	✓
1080i59.94	✓	NO, not DC Engine compliant. No de-interlacer in Hi5-3G	✓
Framerate conversion	Will always output the same framerate as the source framerate, or an integer multiple of that framerate.	Will always output the same framerate as the source framerate, or an integer multiple of that framerate.	Currently, will output at the native refresh rate of the monitor. (This is likely to improve via a future firmware update.) If the source is 23.976, the operator must program the HDLinkPro manually to indicate that the source is PsF or 48i.
Base price	US\$690 without power supply	US\$690 without power supply	US\$495
Power supply	US\$40 for 110 volt US\$65 for 110-220v	US\$40 for 110 volt US\$65 for 110-220v	Power supply included (AC line cord not included.)

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Note: In all cases with a checkmark, if the device receives YUV, it will convert it to RGB, and if the device receives either interlaced or PsF, it will convert it to true progressive to satisfy the DreamColor's Engine requirement. AJA products and modes were independently tested by Allan Tépper and by Greg Staten of HP, and confirmed by Gerard Tassone of AJA. The HDLinkPro information is per Dan May of Blackmagic Design.