



Roland VC-1-DL

ProdCode: ROLVC1DL

Bi-Directional SDI to HDMI Converter



[\[Download Images\]](#) (.zip file)

Features

- Bi-Directional SDI to HDMI Converter
- HDMI to SDI Conversion
- SDI to HDMI Conversion
- Lossless Image Conversion
- 3G (Level A&B) /HD/ SD SDI
- HDCP Support
- Built-in Frame Synchronizer
- Audio Delay - up to 9 fields (4.5 frames)
- Video Delay - up to 9 fields (4.5 frames)
- VC-1 RCS, PC/MAC Control Application
- Selectable Channel for Embedded/De-Embedded Audio

The VC-1 Video Converter series

The VC-1 Video Converter series provides uncompromising picture quality by maintaining the video characteristics of the original signal with rich-blacks and super-whites. There are no interlacing artifacts or other conversion or signal errors sometimes found with other video converters. The VC-1 series also features an on-board re-clocker to compensate for attenuation of SDI signals carried over long distances. The VC-1 series also supports both level A and B 3G-SDI, letting you connect a variety of higher quality SDI sources.

The VC-1 series is HDCP compliant allowing you to convert or pass-through HDCP signals with the exception of any SDI output. The VC-1-DL additionally enables the HDCP signal to be delayed. Selectable audio embedding and de-embedding lets you route different audio sources to or from video devices. Digital AES/EBU input and output signals are supporting ensuring high-quality audio signals can be maintained through the signal flow.

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In live production as you add more video components to a signal flow, latency is introduced. The VC-1-DL converter not only allows bidirectional conversion of SDI/HDMI but it also provides frame sync and delay adjustment of up to 9 fields (4.5 frames) for audio and video independently. This is helpful when keeping various types of cameras in sync as well as ensuring a projector stays in sync with an LED wall. In this way it is an indispensable tool live production, broadcast and recording applications.

