

## AJA ROI DVI to SDI Mini-Converter

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Rentex Product No. XVP2350



Mfr Part No. ROI-DVI-R0

AJA's ROI DVI to SDI Mini-Converter converts a DVI signal to an SDI output, enabling you to use computer signals in digital video workflows. A DVI loop through will allow you to monitor the input locally, and a reference input will let you genlock the SDI output. Both the DVI input and loop through support optional DVI-to-HDMI adapters, so you can convert HDMI to SDI and/or monitor your input on an HDMI display.

### Features

- DVI to SDI Conversion
- DVI Loop Through for Monitoring
- HDMI Adapter Supported on Input & Loop
- Region of Interest Scaling
- Reference Input
- 3.5 mm TRS Analog Audio Input, 2-Ch

### Detailed Specifications

|                                 |   |
|---------------------------------|---|
| <b>Input</b>                    | 1x DVI-D (convertible to HDMI via optional DVI-to-HDMI adapter);<br>1x Reference (color black, tri-level sync);<br>1x analog 3.5 mm TRS   |
| <b>Format</b>                   | <b>DVI:</b><br>VGA (640 x 480) minimum<br>WUXGA (1920 x 1200) 60 Hz max<br>Frame rates are limited by the 165 MHz max rate of the DVI Rx<br><br><b>HDMI:</b><br>525i/625i; 480p/580p (DSLR cameras); 720p 23.98/24/25/29.97/30/50/59.94/60;<br>1080i 50/59.94; 1080p 23.98/24/25/29.97/30 |
| <b>Input Data Range Control</b> | 1 - 255 (default - 8 bit nomenclature); 16 - 235  |
| <b>Outputs</b>                  | 1x HD/SD-SDI, SMPTE-259/292/296<br>1x DVI-D loop through (convertible to HDMI via a DVI-to-HDMI adapter)<br>1x USB (for connection to Mac or PC)  |
| <b>Audio I/O</b>                | 3.5 mm TRS input, 2-channel<br>HDMI embedded audio input (via DVI-to-HDMI adapter), 8-channel, 24-bit<br>SDI embedded audio output, 2-channel or 8-channel, 24-bit  |
| <b>HDCP</b>                     | The Converter does not encode the HDMI output with HDCP encryption  |
| <b>Power</b>                    | Uses AJA power supply model DWP-U-R1 (included with purchase);<br>100-240V, 50/60 Hz universal input;<br>+5 to 18V DC regulated, 8 watts max  |
| <b>Dimensions (WxHxD)</b>       | 5.765" x 4.020" x 0.9" (146.431mm x 102.108mm x 22.86mm)  |