

3G SDI to HDMI Converter

Convert & Scale SDI to HDMI



- Input: SD, HD, 3G SDI
- Output: 1080p50, 1080p60, 720p50, 720p60
- Fiber optic output compatible with Thinklogical Velocity Receivers
- SDI embedded audio conversion to HDMI output and compatible with Thinklogical Velocity Receivers
- User Control via RS-232 and Ethernet
- SMPTE standards supported: 259M-C, 292, 424M, 425 level A and level B
- Active SMPTE compliant loop out port
- Automatic Video Input Detection
- Additional manual resolution selection via push buttons

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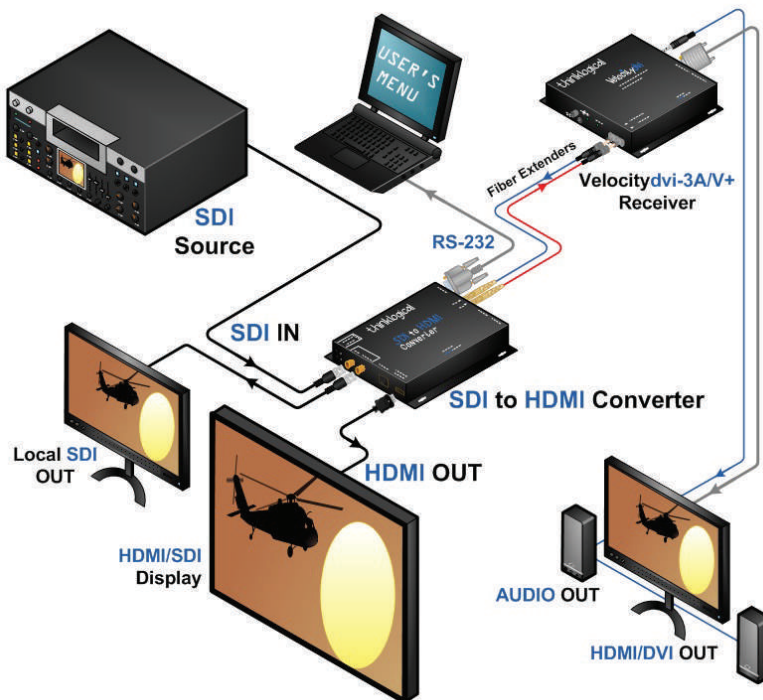
The Thinklogical SDI to HDMI Converter allows you to seamlessly convert a broadcast quality 3G SDI signal to HDMI. The SDI to HDMI Converter is fully SMPTE compliant, including the active loop out port. System features include user SDI embedded audio conversion to HDMI output and remote control of the user interface via serial port (RS-232) and Ethernet port. The SDI to HDMI Converter also has a fiber output that is fully compatible with our Velocity line of receivers as well as our VX routers for a comprehensive conversion and extension solution. Not only does it convert and scale video signals in real-time, it also provides the highest quality images for professional audio-visual end users.

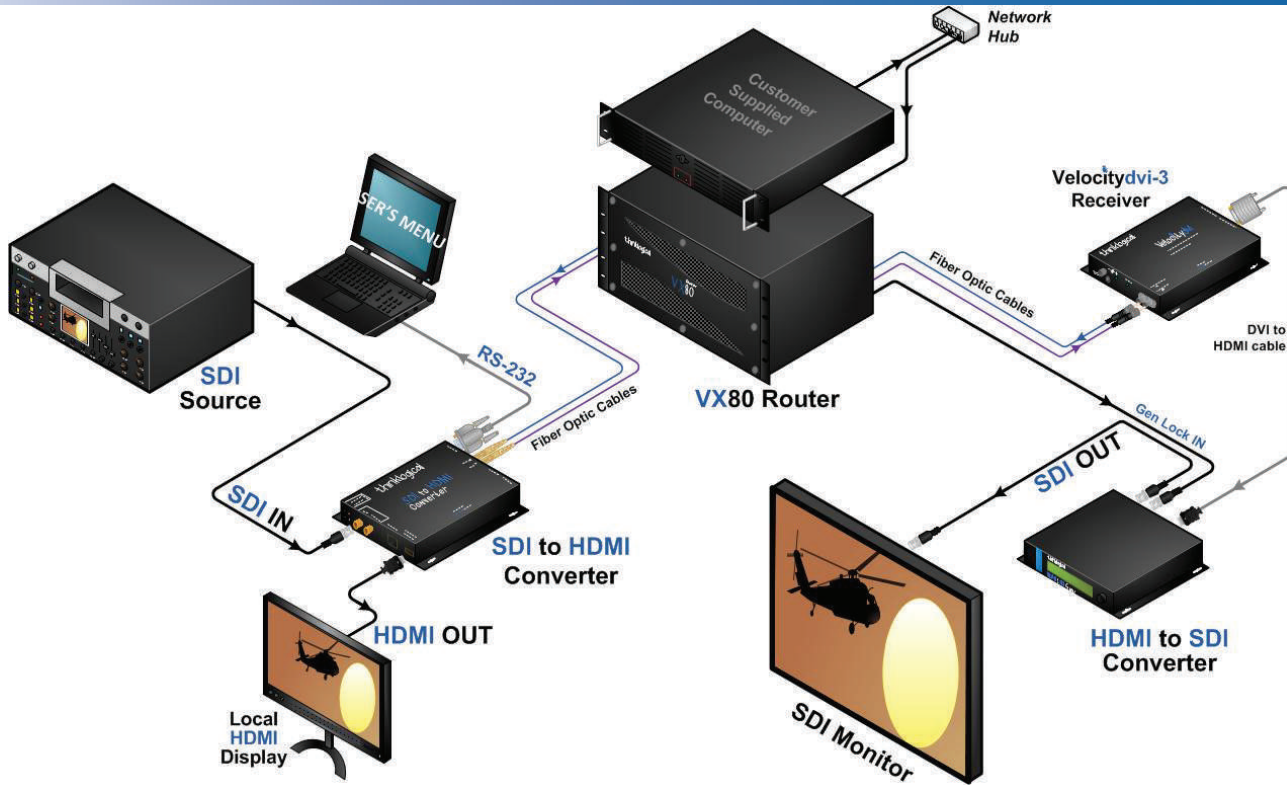
Designed as a high performance video processor for post-production and broadcast applications, the SDI to HDMI Converter provides exceptional and enhanced image processing and quality. This stand-alone product allows for advanced real-time image correction and scaling, while at the same time functioning as a video converter which supports an SDI input of SD/HD/3G SDI to an HDMI output.

Video Processor Features and Benefits:

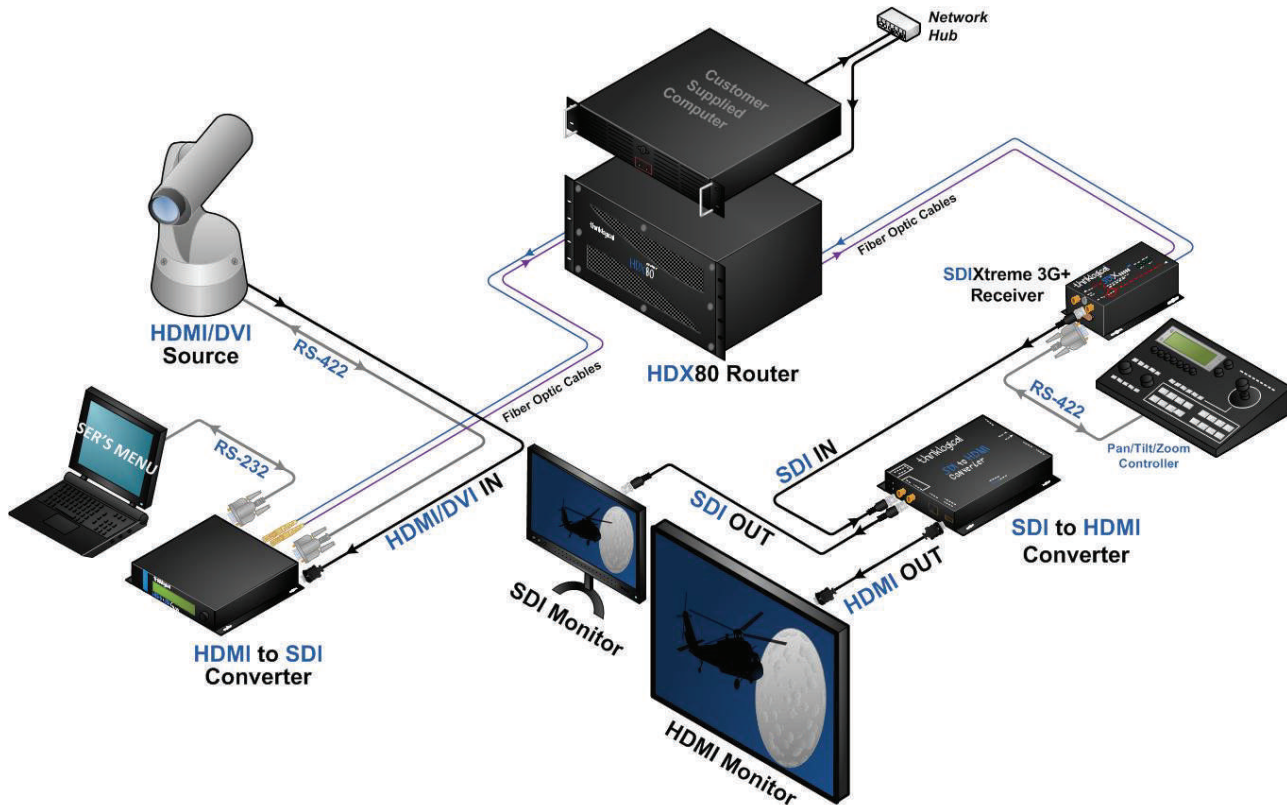
- Per-pixel motion-adaptive video noise reduction – removes the white Gaussian noise present in most types of video
- Content-adaptive block and mosquito noise reduction – significantly reduces the blocking and mosquito noise artifacts present in compressed video
- Advanced per-pixel, motion-adaptive, edge-adaptive 3D de-interlacing with support for arbitrary film cadences – removes “jaggies” and “feathering” to produce smooth and clear images
- Adaptive scaling – produces sharp and clean images at low or high resolutions
- Natural depth expansion – enhances details and sensation of depth for greater realism and super resolution effect
- Adaptive contrast enhancement (ACE) – brings out shadow detail without crushing mid-tones or highlights
- Intelligent color remapping (IRC) – enables vivid color without hue shifts and clipping while maintaining accurate flesh tone
- Qdeo™ true color – a unique solution for using the full dynamic range of 10-bit and 12-bit displays which eliminates contouring seen when viewing typical 8-bit consumer video

SDI to HDMI Converter Application: Convert SD/HD3G SDI to HDMI





Conversion Application Using SDI to HDMI Converter with Fiber Extension, VX80 Router, 3 AV+ Receiver, HDMI to SDI Converter



Conversion Application Using HDMI to SDI Converter with Fiber Output, HDX80 Router, SDI 3G+ Receiver, SDI to HDMI Converter