



HDMI (VGA/CVBS) to SDI Converter

Professional Video Converting Hardware - Kiloview CV190

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Broadcast-Grade HDMI to SDI Video Converter

Kiloview KV-CV190 is a broadcast level multifunctional video converter which can convert HDMI, VGA and AV(CVBS) to SDI-based coax signal with functions of frame conversion, resolution conversion, image scale up/down, color conditioning, image enhancement and adjustment.

High Interface Compatibility

- HDMI, VGA and AV (CVBS) signals can be manually specified or automatically identified;
- It supports HDMI audio un-embedded/ analog audio input, and making audio embedded into SDI signal;
- SD/HD/3G SDI output supported; supports 2 channels SDI output simultaneously;
- Integrated with enhanced SDI line driver, it can ensure SD SDI transmission distance up to 400m, HD SDI transmission distance 200 m, 3G SDI transmission distance 120 m, under Belden 1694A and same cable quality conditions;
- Advanced settings or firmware upgrading is available by connecting PC via USB;



High Quality Conversion

CV190 highlights professional color adjustment, 3D noise reduction, interlace/ progressive video conversion, video scaling up/down conversion and frame rate conversion etc., which can guarantee the professional image conversion quality.



High Quality 10bit YUV 4:2:2

- ↔ Bitrate Exchange
- ↔ Interlace/Progressive Conversion
- ↔ scaling up/down
- ☀ Undistorted Color
- 3D 3D Noise Reduction
- 🎚 Color Adjustment

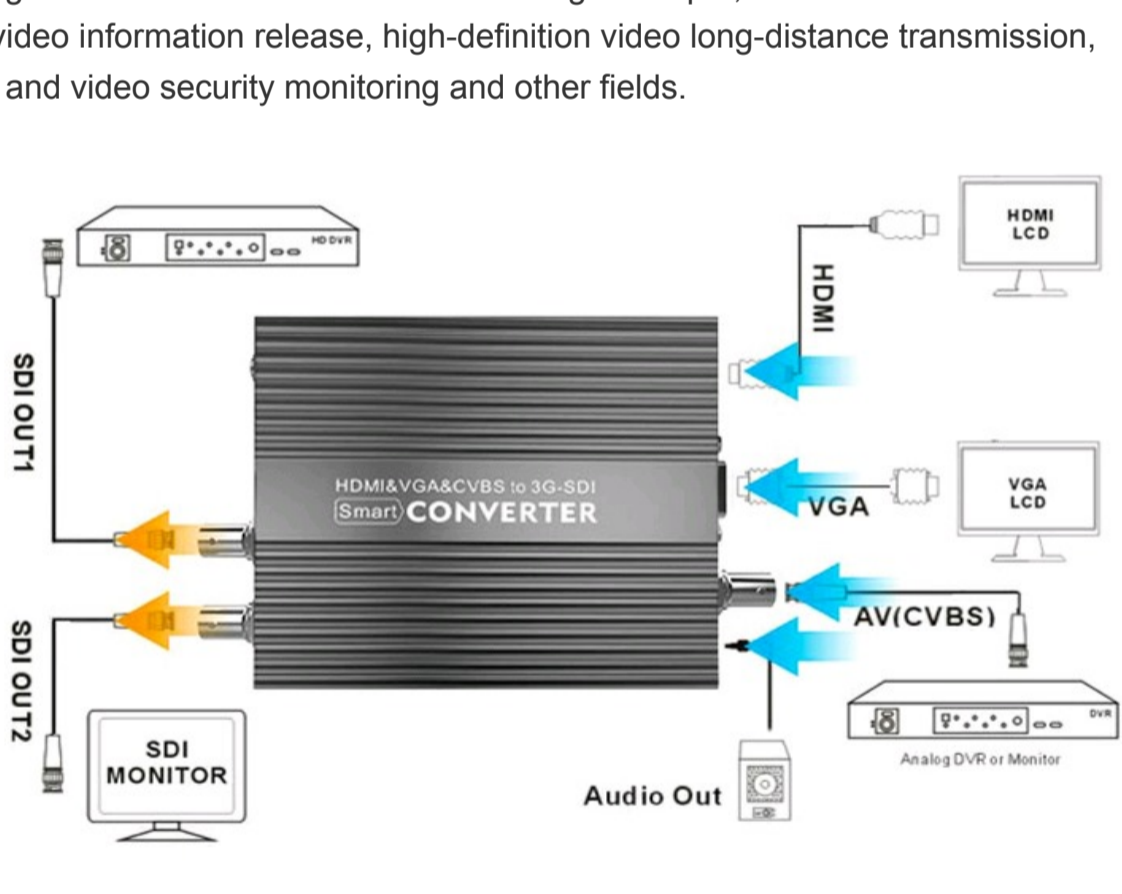


Analog Audio

CV190 supports HDMI audio separate or analog audio input (one at a time), and can embed audio into SDI signal.

Applications

CV190 is suitable for all scenarios where HDMI, VGA, or AV (CVBS) signals need to be converted into SDI signal output, such as broadcast and television program editing, video teaching and training, high-definition video information release, high-definition video long-distance transmission, video conferencing, multimedia Advertising and video security monitoring and other fields.

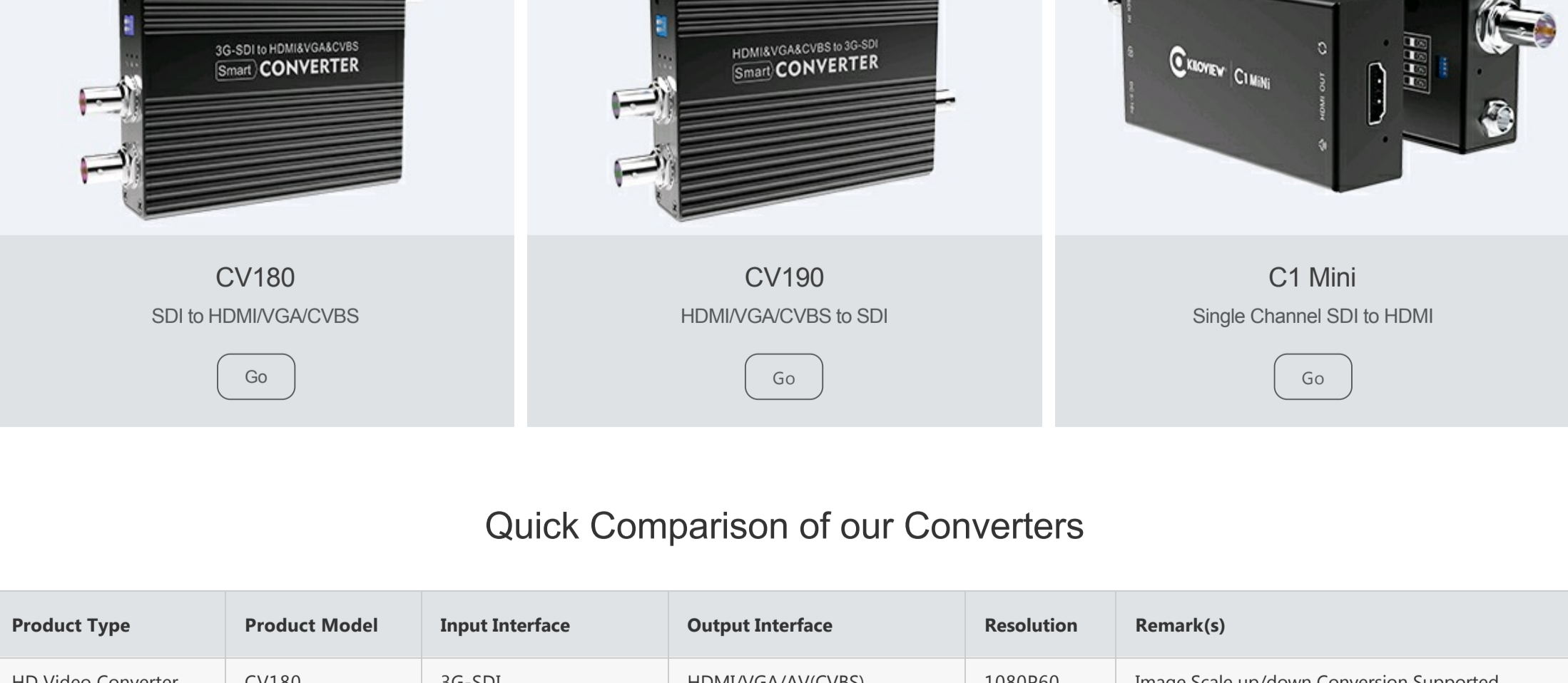


- SDK/API Available
- High-end Chip
- Self-defined Resolution
- 7*24h Running
- Color Adjustment
- Real-time Signal Notice
- Dual Output
- PC Configurable

Parameters

Model	CV190
Input Interface	1*HDMI, 1*VGA, 1*BNC AV(CVBS), 1*3.5mm dual-channel analog audio (1Vp-p)
Output	2*BNC-SDI (SD/HD/3G)
Input format	HDMI: 480i,576i,480p, 576p, 720p@50/59.94/60,1080i@50/59.94/60, 1080p@24/25/29.97/30, 1080p50/59.94/60, compatible with VGA format, up to 1920x1080@60Hz; VGA: up to 1920x1080@60Hz, support all VESA standard resolution and common non-vesa resolution; YPbPr: (using VGA-YPbPr), support 720p50/59.94/60,1080i50/59.94/60 and 1080p24/25/29.97/30/50/59.94/60; AV(CVBS): PAL (576i)/NTSC (480i).
SDI transmitting distance	SDI transmitting distance Belden 1694A: SD-SDI 400m, HD-SDI 200m, 3G-SDI 120m.
Framerate/resolution conversion	Support
Audio embedding	Support
Management	Remote control/ PC connection with USB
Power supply	12V, 1A
Consumption	4w
Operation temperature	-20°C~60°C
Dimension	120*100*26mm (4.72*3.94*1.02")
Weight	315g(11.1oz)
Downloads	Docs & Firmware

Related Products



Quick Comparison of our Converters

Product Type	Product Model	Input Interface	Output Interface	Resolution	Remark(s)
HD Video Converter	CV180	3G-SDI	HDMI/VGA/AV(CVBS) Output on any 2 Interfaces	1080P60	Image Scale up/down Conversion Supported
	CV190	HDMI/VGA/AV(CVBS)	3G-SDI*2 Output on any 2 Interfaces	1080P60	Image Scale up/down Conversion Supported
	C1 mini	3G-SDI	HDMI	1080P60	Direct Conversion

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