



# SDI to HDMI (and VGA/AV/CVBS) Converter

Frame/Resolution Conversion - Kiloview CV180



## Powerful SDI/BNC to HDMI Video Converter

Kiloview CV180 SDI multi-function converter can convert SDI-based coaxial signals into HDMI, VGA and AV (CVBS) signal output, and has both frame rate/resolution conversion, color adjustment, image enlargement/reduction and other editing management functions. It supports one input and two output modes as well.

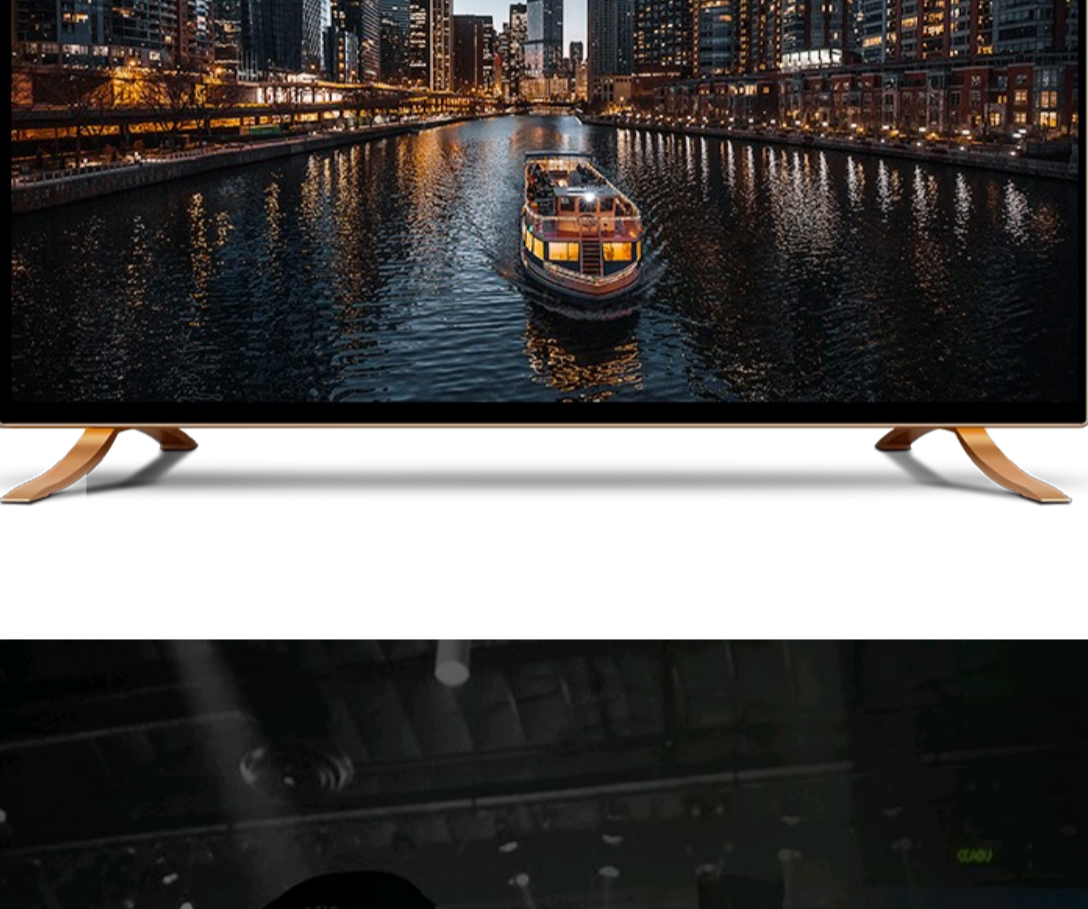
## Greatly Compatible with Protocols

- SD/HD/3G SDI input together with built-in SDI clock recovery circuit and line equalizer, it can recover attenuation and distortion SDI signal after long-distance transmission;
- HDMI/VGA/AV(CVBS) output simultaneously supported with self-defined resolution, independent audio output available (either two of them can output at the same time);
- HDMI/ VGA DDC function supported, it can self-adaptively output the best mode of HDMI/ VGA;
- OSD menu operation interface supported;



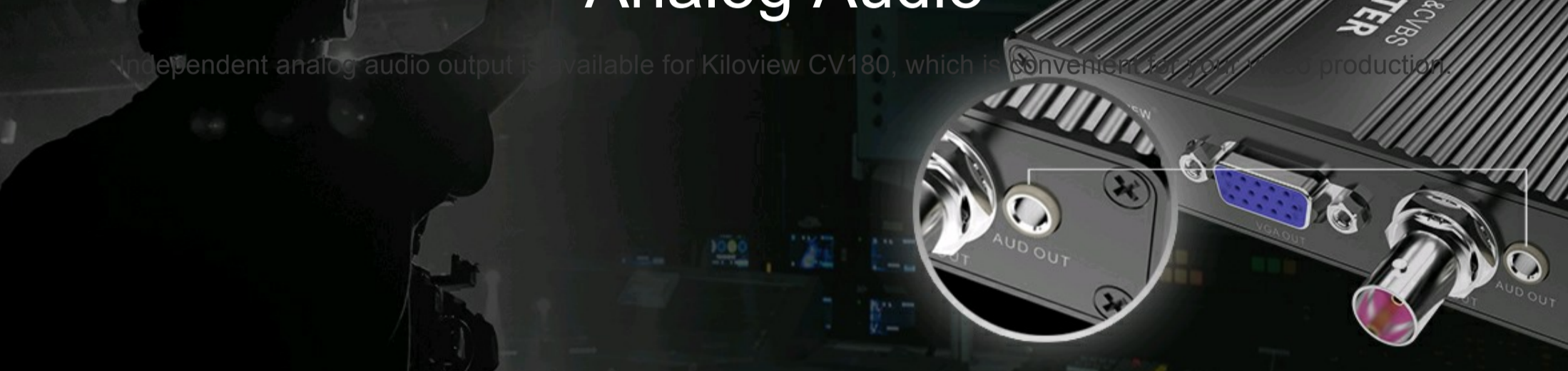
## Video Conversion & Enhancement

CV180 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
- ↔ Interface/Progressive Conversion
- ↔ scaling up/down
- ☀ Undistorted Color
- 3D 3D Noise Reduction
- 🎚 Color Adjustment

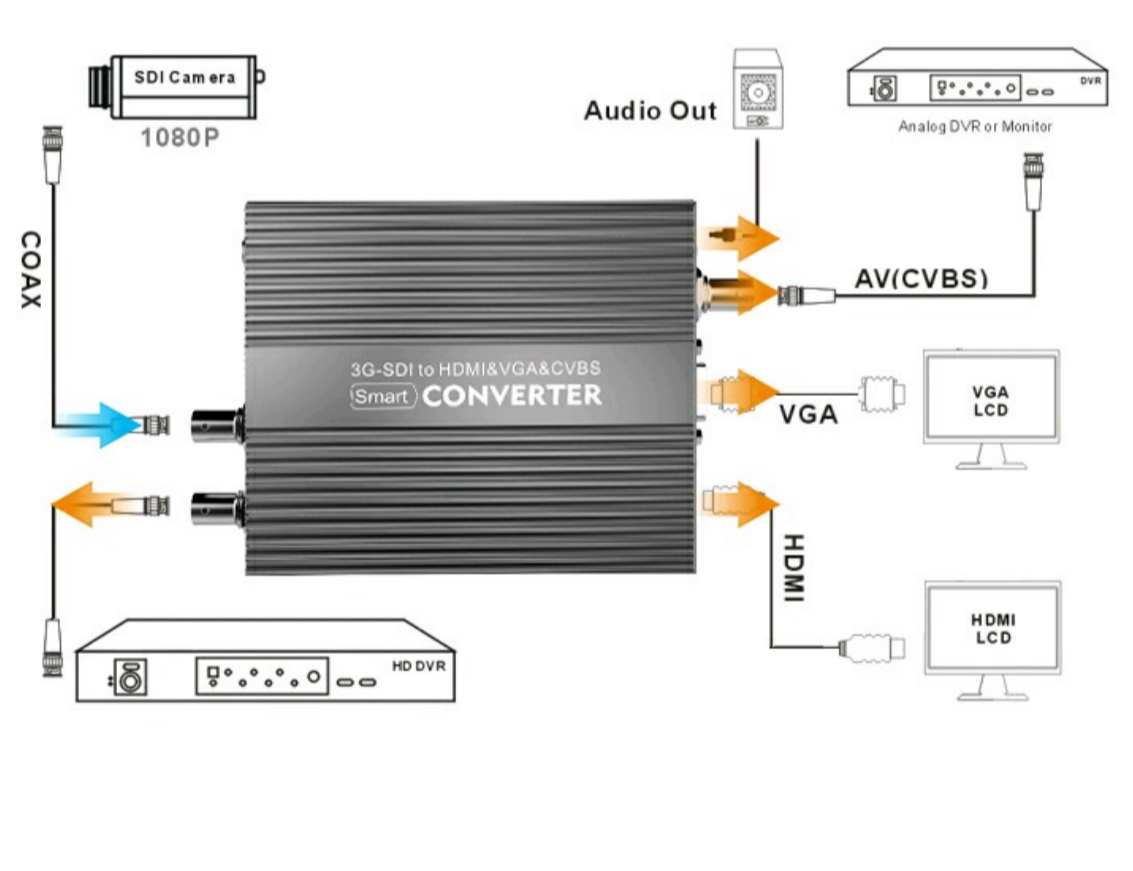
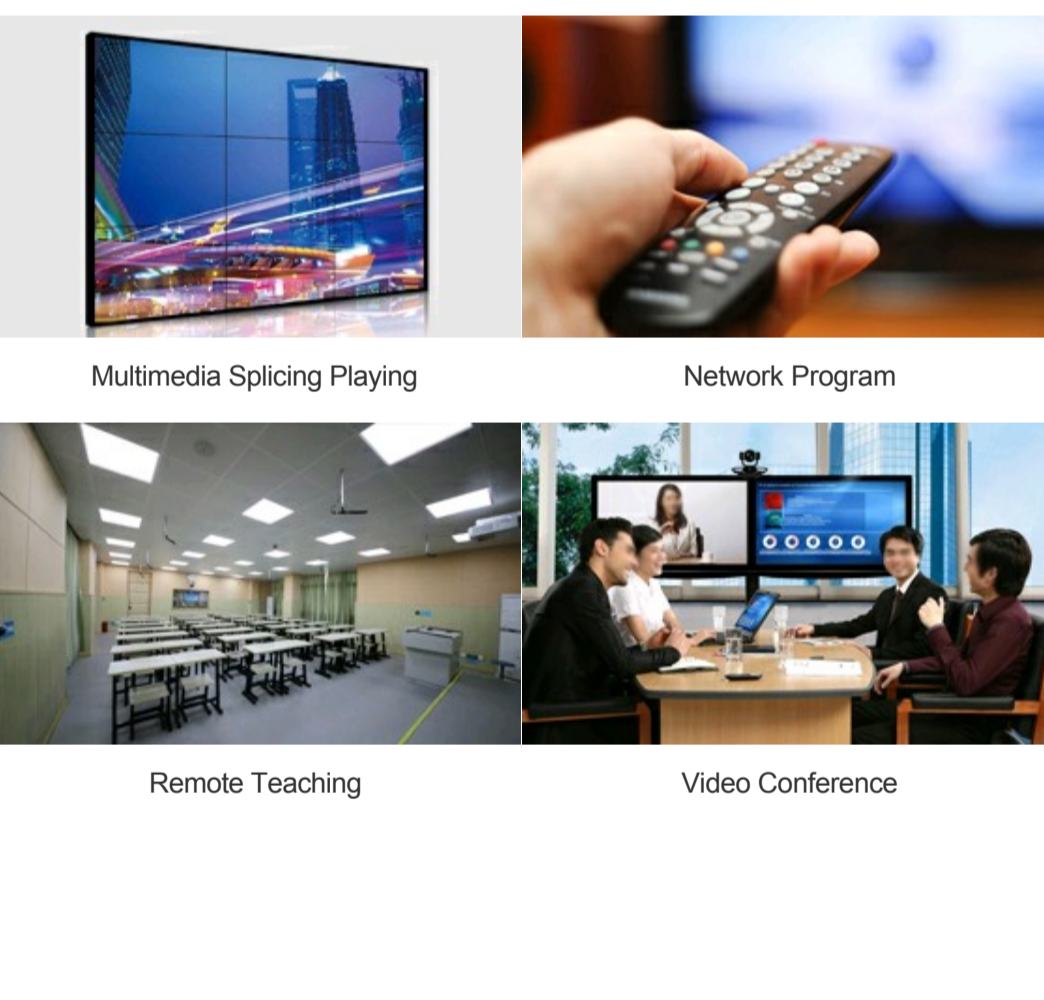


## Analog Audio

Independent analog audio output is available for Kiloview CV180, which is convenient for video production.

## Applications

Our CV180 are suitable for all scenarios that need to convert SDI signals to SDI, HDMI, VGA, or AV (CVBS) 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.

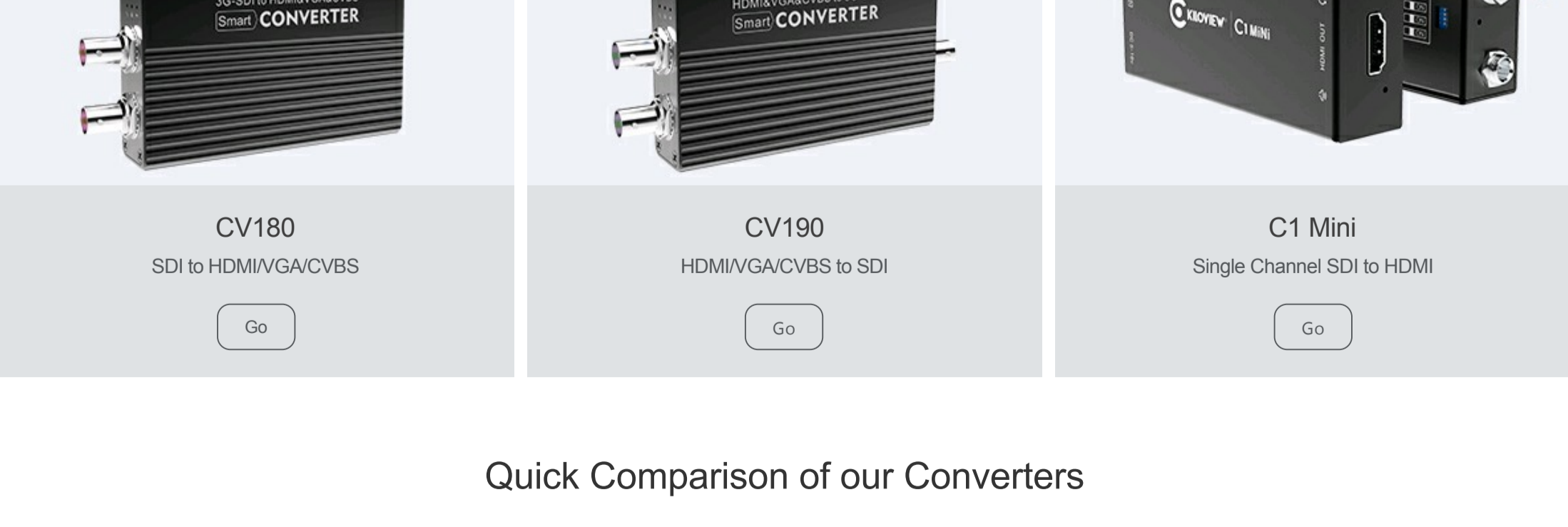


- High-end Chip
- Self-defined Resolution
- SDK/API Available
- 7\*24h Running
- Dual Output
- Real-time Signal Notice
- PC Configurable
- Color Adjustment

## Parameters

|  |   |
|--|---|
| <b>Model</b>                           | <b>CV180</b>  |
| <b>Input</b>                           | 1*BNC SDI (SD/HD/3G SDI)  |
| <b>Output</b>                          | 1*SDI, 1*HDMI, 1*BNC AV(CVBS), 1*VGA (Either two signals output simultaneously)   |
| <b>Input format</b>                    | 525i 59.94, 625i 50;<br>720p 23.98/24/25/29.97/30/50/59.94/60;<br>1080i 50/59.94/60;<br>1080p 23.98/24/25/29.97/30/50/59.94/60. |
| <b>Loop out</b>                        | 1*BNC SDI   |
| <b>SDI transmitting distance</b>       | Belden 1694A: SD-SDI 400m, HD-SDI 200m, 3G-SDI 120m;<br>Note: different cables have different transmission distances.           |
| <b>Framerate/resolution conversion</b> | Support   |
| <b>Audio de-embedding</b>              | Support   |
| <b>Management</b>                      | Remote control/PC connection with USB   |
| <b>Power supply</b>                    | 12V, 1A   |
| <b>Consumption</b>                     | 4w  |
| <b>Operation temperature</b>           | -20~60°C  |
| <b>Dimension</b>                       | 120*100*26mm (4.72**3.94**1.02")  |
| <b>Weight</b>                          | 315g (11.1oz)   |
| <b>Downloads</b>                       | <a href="#">Docs</a> & <a href="#">Firmware</a>   |

## 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)<br>Output on any 2 Interfaces | 1080P60    | Image Scale up/down Conversion Supported |
|                    | CV190         | HDMI/VGA/AV(CVBS) | 3G-SDI*2<br>Output on any 2 Interfaces          | 1080P60    | Image Scale up/down Conversion Supported |
|                    | C1 mini       | 3G-SDI            | HDMI  | 1080P60    | Direct Conversion                        |

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| <b>Kiloview Electronics Co.,Ltd.</b><br>☎ +86-731-8252-5732<br>☎ +86-155-7666-2088<br>✉ info@kiloview.com<br>✉ info@kiloview.com<br>📍 B4-106/109, Jiahua Intelligence Valley Industrial Park, 877 Hujiin Road, Yunhua District, Changsha, China | <b>Products</b><br>NDI Series<br>Video<br>Collaboration<br>Video Encoder<br>Video Decoder<br>Video Converter<br>Media Gateway<br>Accessories | <b>Solutions</b><br>NDI Solutions<br>TV Broadcast<br>Live Events<br>Healthcare<br>Education<br>Conferences<br>Typical Cases | <b>Support</b><br>Documentations<br>Downloads<br>Where to Buy | <b>Resources</b><br>Demo Request<br>Customization | <b>About</b><br>News<br>Contact<br>Privacy<br>Terms<br> |
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