

# CV180 SDI to Multi-interface Video Converter



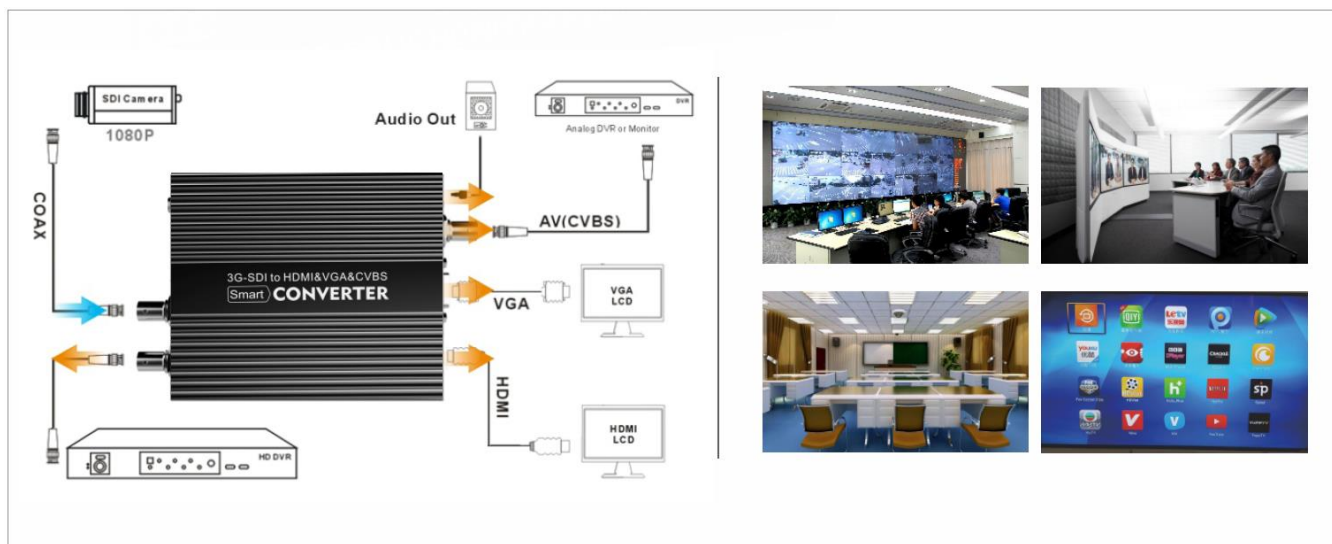
## Descriptions

CV180, a broadcast level multifunctional video converter, can convert SDI to HDMI, VGA and AV(CVBS). Functions: frame rate/resolution conversion, image scale up/down, color conditioning, image enhancement and adjustment, and supports 1 input and 2 outputs.

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|------------------------------|------------------------------------|-------------------------|
| •SDI to Multi-interface      | •Frame rate/ resolution conversion | •1 input and 2 outputs  |
| •High quality 10bit YUV4:2:2 | •Color adjustment                  | •24h continuous working |

# Applications

Kiloview CV180 video converter is suitable for the applications that need to convert SDI to (HDMI/VGA/AV(CVBS)/ independent audio, etc.) such as broadcast, video teaching and training, HD video information release, HD video long-distance transmission, video conferencing, multimedia advertising and video security monitoring etc.



# Advantages

## High compatibility, wide application

- SD/HD/3G SDI input together with built-in SDI recovery circuit and line equalizer, it recovers attenuation and distortion SDI signal after long-distance transmission;
- SDI/HDMI/VGA/AV(CVBS) output simultaneously supported self-defined resolution, independent audio output available;
- Support 1 input and 2 outputs;
- Advanced setting or firmware upgrade is available by connecting PC via USB.

## High quality image conversion and image enhancement processing, making sure the image quality to broadcast level

- High quality 10bit YUV4:2:2 conversion, ensuring the color without distortion;
- Professional color adjustment, 3D noise reduction, progressive/interlace video conversion, video scaling up/down and frame rate conversion etc., which can guarantee the professional image conversion quality;
- Blue screen display while signal loss.

## High quality, 24h continuous working

- High quality chips, capacitors, PCB board, interface adopted to ensure the stability of the device, making 24h continuous working available;
- EMC and HDMI test passed, high compatibility and reliability.

## Parameters

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