



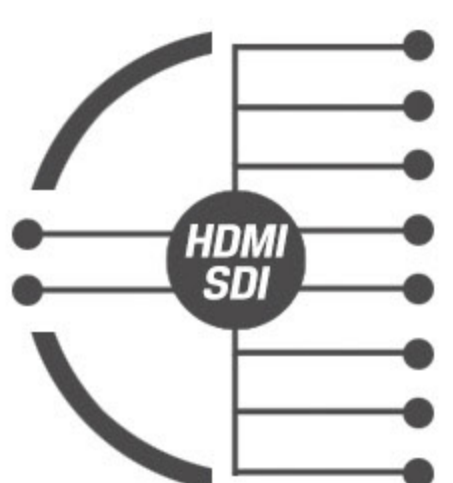
Model:

# SD2080

## 2x8 SDI/ HDMI SPLITTER & CONVERTER

### FEATURES

- Auto-detected input: 1xHDMI/1x3G-SDI
- Pass through output: 4x3G-SDI, 4xHDMI
- Distribute and convert between SDI & HDMI
- SDI with equalization and re-clock
- Input and output support up to 1080p60
- Switching input signal easily via DIP switches
- USB and threaded locking DC power supply
- Detachable bracket design for wall mounting



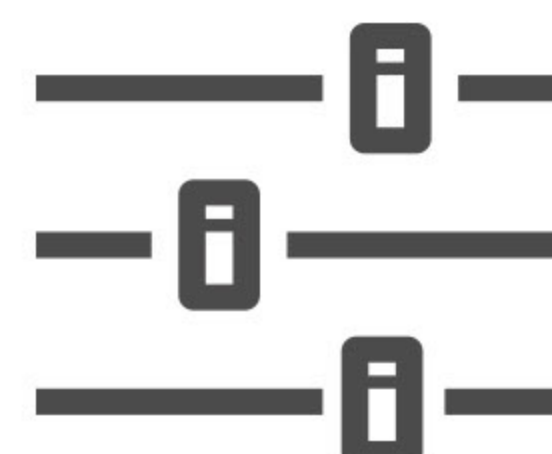
2x8 Distribution



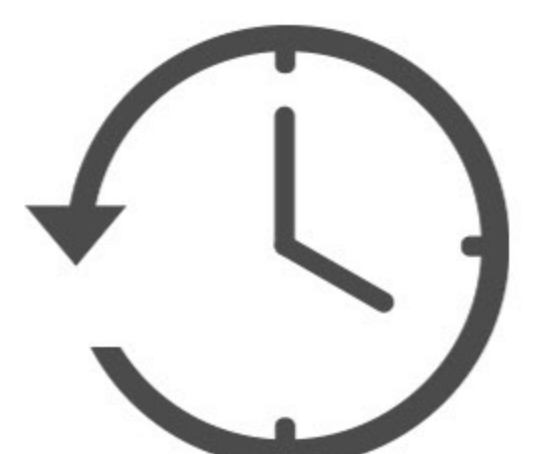
HDMI/SDI Conversion



UP To FHD 1080P60

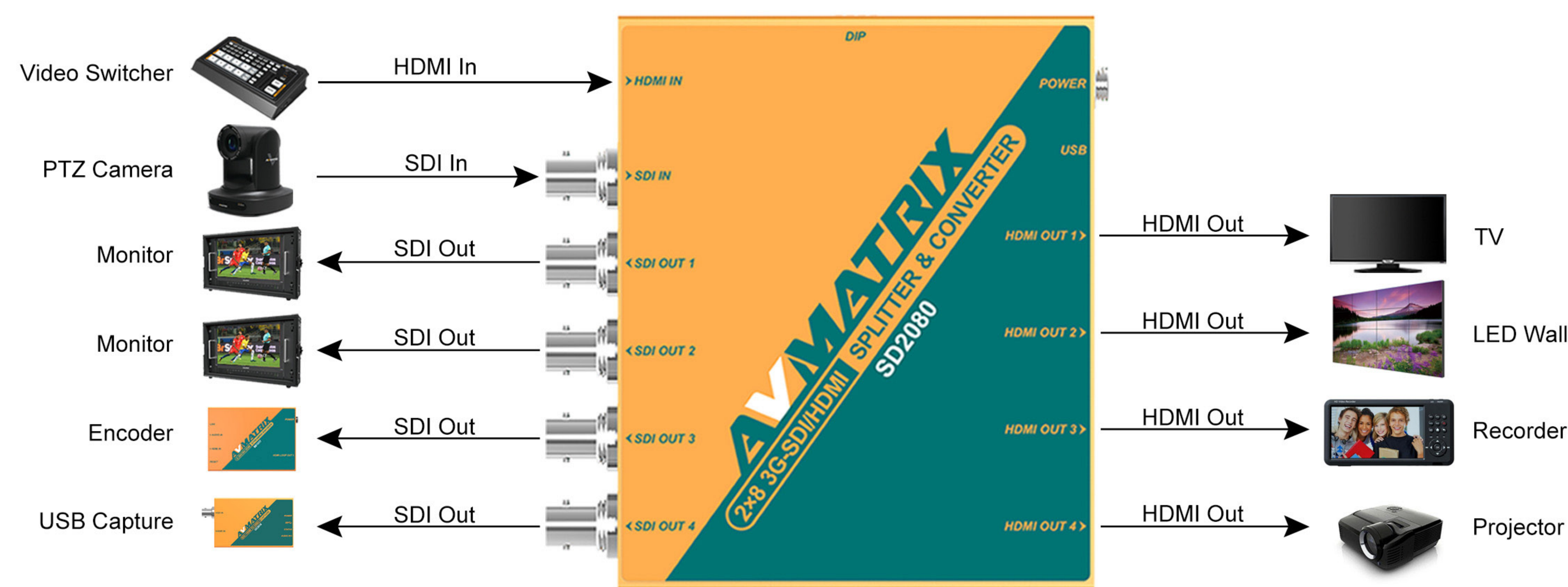


SDI Equalization



Clock Recovery

CONNECTION DIAGRAM



TECHNICAL SPECIFICATION

|                                |                                 |                                     |
|--------------------------------|---------------------------------|-------------------------------------|
| INPUTS                         | HDMI Video Input                | HDMI Type A x1                      |
|                                | SDI Video Input                 | SD/HD/3G-SDI x1                     |
| OUTPUTS                        | HDMI Video Output               | HDMI Type A x4                      |
|                                | SDI Video Output                | SD/HD/3G-SDI x4                     |
| FORMAT                         | SDI Input Format Support        | 1080p 60/59.94/50                   |
|                                |                                 | 1080p 30/29.97/25/24/23.98          |
|                                |                                 | 1080psf 30/29.97/25/24/23.98        |
|                                |                                 | 1080i 60/59.94/50                   |
|                                |                                 | 720p 60/59.94/50/30/29.97/25        |
|                                |                                 | 625i 50, 525i 59.94                 |
|                                | SDI Video Rate                  | SD/HD/3G-SDI                        |
|                                | SDI Compliance                  | SMPTE 292M, SMPTE 259M, SMPTE 424M  |
|                                | SDI Color Space and Precision   | YUV 4:2:2                           |
|                                | SDI Output Format Support       | 1080p 60/59.94/50                   |
|                                |                                 | 1080p 30/29.97/25/24/23.98/23.976   |
| 1080i 60/59.94/50              |                                 |                                     |
| 720p 60/59.94/50               |                                 |                                     |
| 625i 50                        |                                 |                                     |
| 525i 59.94                     |                                 |                                     |
| HDMI Input Format Support      | 1080p 60/59.94/50               |                                     |
|                                | 1080p 30/29.97/25/24/23.98      |                                     |
|                                | 1080i 60/59.94/50               |                                     |
|                                | 720p 60/59.94/50/30/29.97/25    |                                     |
|                                | 576i 50, 480i 59.94             |                                     |
| HDMI Color Space and Precision | RGB 4:4:4, YUV 4:2:2, YUV 4:4:4 |                                     |
| HDMI Output Format Support     | 1080p 60/59.94/50               |                                     |
|                                | 1080p 30/29.97/25/24/23.98      |                                     |
|                                | 1080i 60/59.94/50               |                                     |
|                                | 720p 60/59.94/50/30/29.97/25    |                                     |
|                                | 576i 50, 480i 59.94             |                                     |
| SIZE                           | Dimension (LWD)                 | 125.5×104×24.5mm                    |
|                                | Weight                          | 485g                                |
| POWER(USB)                     | Power Connector                 | DC 12V                              |
|                                | Current                         | 550mA                               |
|                                | Voltage Range                   | 6-28V                               |
|                                | Power Consumption               | 6.6W                                |
| ENVIRONMENT                    | Operating Temperature           | -20℃~ 60℃                           |
|                                | Storage Temperature             | -30℃~ 70℃                           |
|                                | Relative Humidity               | 0%-90% non-condensing               |
|                                | Accessories                     | 1×power supply (12V 2A) , 2×Bracket |

