

# Datavideo Product Compare

<https://www.datavideo.com/me/>

|                             |                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------|
| Model Number                | <b>SE-2850-8</b>                                                                                       |
| Product                     | <b>HD/SD 8-Channel Digital Video Switcher</b>                                                          |
| Video Standard              | HD & SD                                                                                                |
| Video Format                | 1080p 25/29/30/50/59.94/60Hz<br>1080i 50/59.94/60Hz<br>720p 50/59.94/60Hz<br>576i 50Hz<br>480i 59.94Hz |
| Video Processing            | SDI: 4:2:2<br>HDMI: YUV 4:2:2 10 bit, RGB 4:4:4                                                        |
| Input Routable / Crosspoint | All 12, repeatable                                                                                     |
| Video Input                 | Standard: 8x SDI, 2x HDMI<br>Max: 12x SDI, 3x HDMI                                                     |
| Mix HD & SD Source          | Yes                                                                                                    |
| Computer Graphic Interface  | Max 3 via HDMI                                                                                         |
| Video Output                | 4x SDI assignable:<br>PGM, PVW, AUX & Clean Out<br>2x HDMI assignable:<br>PGM & multi-view             |

|                                    |                                                   |
|------------------------------------|---------------------------------------------------|
| Down-converted Output              | 4x SDI                                            |
| Built-in Multi-view Monitoring Out | 2x HDMI                                           |
| Analogue Audio Input               | 4x Balanced XLR                                   |
| Analogue Audio Output              | 2x Balanced XLR                                   |
| Digital Embedded Audio Support     | Input up to 16 channels, Output 4 channels        |
| Audio Delay Calibration            | Up to 8 frames per channel(*SDI input audio only) |
| A+V Switching                      | Yes                                               |
| Chromakey                          | ----                                              |
| Title Creator                      | Yes, CG-200 software free download                |
| USK                                | ----                                              |
| DSK                                | 2x DSK support Luma-key/ Linear key (Key / Fill)  |
| Picture in Picture                 | 2                                                 |
| Logo Insertion                     | 2 (or 1 logo + 1 clock)                           |
| Still Store                        | 12                                                |
| Effects                            | FTB, Cut, 8 Wipe with border                      |
| Transition Preview                 | PiP & DSK                                         |

|                               |                                                                                             |
|-------------------------------|---------------------------------------------------------------------------------------------|
| Sync /<br>Reference<br>In/Out | Built-in Genlock<br>Support external sync with loop thru                                    |
| Tally Output                  | 1x D-sub 25pin, dual color                                                                  |
| PC Remote<br>Control          | Ethernet (free Window software)<br>RS-422/ RS-232                                           |
| Camera<br>Control             | ----                                                                                        |
| Built-in<br>Audio Mixer       | ----                                                                                        |
| Storage                       | ----                                                                                        |
| Recording<br>File System      | ----                                                                                        |
| Recording<br>File Format      | ----                                                                                        |
| Video<br>Encode               | ----                                                                                        |
| Audio<br>Encode               | ----                                                                                        |
| Streaming<br>Protocol         | ----                                                                                        |
| Firmware<br>Update            | Ethernet                                                                                    |
| Special<br>Features           | 4-CH SD downconvert output<br>Built in TC-200 CG system<br>Selectable SMPTE/EBU Audio level |
| Chassis                       | 2 units, 2RU rack-mount mainframe                                                           |
| Dimension<br>(LxWxH)          | 433 x 312 x 76 mm (switcher)<br>432 x 252 x 88 mm (main unit)                               |
| Weight                        | 4.7 kg                                                                                      |
| Power                         | DC 12V, 44W                                                                                 |

|                             |                                                                                                                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating<br>Temp.<br>Range | 0~40 °C                                                                                                                                                                                                             |
| What's in<br>the Box        | 1 x SE-2850 Main Unit<br>1 x SE-2850 Control Board<br>1 x AD Switch DC 12V with AC Cord<br>1 x DB9P TO DB9P Cable<br>1 x CB-41 / XLR to XLR Cable<br>2 x Extra button cap for wipe<br>12 x Screw<br>2 x 2U Ear Rack |