

ACCESSORIES

 <b>INCLUDED</b> SE-800 Carrying Case & Accessories	 MP-4000 DVD+RW Recorder	 DN-100 DV Hard Disk Recorder	 DV INPUT TLM-700 7" TFT LCD Monitor
 RMC-140 SE-800 Tally/ Preview Box	 RMC-120 Video Switcher Ethernet TCP/IP Remote Control Box	 RMC-90 SE-800 Remote Control Box	 TLM-404 4" x 4 TFT LCD Monitors
 BAC-03 Balanced Audio Converter	 VP-314 (1 To 1) VP-332 (1 To 5) DV Repeater	 1066/2066/4066 10/20/40M IEEE1394 Cable	 TLM-404JF 4" x 4 LCD Monitors Holder

SPECIFICATIONS

<ul style="list-style-type: none"> <li><b>Video Formats</b> Analog Y/C and Composite at CCIR601 NTSC and PAL (PAL and NTSC are separate models) Analog Y,U,V, Video at a Sony Betacam standard DV interface by DV25 format at Y,U,V, 4:1:1 NTSC or Y,U,V, 4:2:0 PAL, 25Mbps bit rate</li> <li><b>Video Inputs</b> Composite, S(Y/C), Component and DV Four video input formats option</li> <li><b>Video Output</b> One video output with options of Composite, S (Y/C), Component, DV and SDI output</li> <li><b>Audio Inputs</b> Video Source A to D, Music, Aux., Microphone Stereo Audio Input</li> <li><b>Audio Output</b> Main output and headphone output with volume control</li> <li><b>Audio Sync</b> Delay Time: - 19 Frames To + 3 Frames</li> <li><b>Dual Channel Full Frame Synchronizer</b> TBCs, 4:2:2, 13.5MHz</li> <li><b>Digital Effects</b> including A/B Roll, A/B Dissolve, PIP, Border lines, Chroma Key, Zoom, Mosaic, Art Paint More Than 50 Digital Effects With 3 Transition Speeds</li> <li><b>Position Control With Mosaic Effect</b> Full Screen Position Control By Joystick with 2.2w Mosaic size options</li> <li><b>Instant Playback Keys</b> F01 to F30, 30 Pre-program Keys</li> <li><b>Headphone Monitor Jack</b> Stereo Audio, 1,0Wrms in 16 ohm</li> <li><b>RS-232 Data Control Port</b> for Remote Control</li> </ul>	<ul style="list-style-type: none"> <li><b>Color Processing</b> Brightness +/-30% Contrast +/-10dB Color +/-20dB</li> <li><b>R,G,B White Balance</b> +/- 20 Degrees</li> <li><b>Video Bandwidth</b> Component &gt;5.2 MHz S(Y/C) &gt;5.0MHz Composite &gt;5.0MHz Audio 20 to 20KHz +/-3dB</li> <li><b>Signal/Noise Ratio:</b> Video &gt; 55 dB Audio &gt; 65 dB</li> <li><b>DC DP:</b> +/- 3%, 3 degree</li> <li><b>Audio THD:</b> &lt;1%</li> <li><b>Digital Y,U,V Interface</b> SDI (SMPTE 259M C 270Mbps)</li> <li><b>GPI Control</b> Remote Trigger Control Pre-program Effects from F01 to F30 in Sequence</li> <li><b>Dimension</b> W x D x H 430mm x 420mm x 120mm 17" x 16.8" x 4.72"</li> <li><b>Weight:</b> 5.5 Kg or 13.8 lb</li> <li><b>Power:</b> Input: AC 90 To 240V auto-sensing Output: DC 14.4V/ 70W</li> <li><b>Accessories</b> AC/DC Power Adaptor Aluminum Carrying Case 1, 9M IEEE1394 Firewire 6 to 6 Cable 1, 9M IEEE1394 Firewire 6 to 4 Cable 0, 2M IEEE1394 Firewire 6 to 4 Cable adaptor S (Y/C) Cable x 2 Audio/Video Phono Cable x 2 sets Instruction Manual</li> </ul>
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**datavideo®**  
www.datavideo-tek.com

**Datavideo Corporation USA**  
12300-U East Washington Blvd.  
Whittier, CA 90606, U.S.A.  
Tel:+1-562-476 2324  
Fax:+1-562-498 6930  
E-mail:contactus@datavideo.us

**Datavideo Technologies China Co.**  
2F-D, No.2, Lane77, West Guangshong Rd, Zhabei District, Shanghai, China  
Tel:+86-21-3603 6589  
Fax:+86-21-3603 6770  
E-mail:service@datavideo.cn

**Datavideo Technologies Europe BV**  
Californiastraat 26  
3543 BL Utrecht, The Netherlands  
Tel:+31-30-241 96 56  
Fax:+31-30-261 94 57  
E-mail:info@datavideo.nl

**Datavideo Technologies (S) PTE Ltd.**  
#01-03 D'Centennial Bldg  
Singapore 388378  
Tel:+65-6749 4866  
Fax:+65-6749 3266  
E-mail:info@datavideo.sg

**Datavideo UK Limited**  
Unit 2 Waterside Business Park  
Horsfield, Glossop, Derbyshire SK10 1BE, UK  
Tel:+44-1457 851000  
Fax:+44-1457 850944  
E-mail:sales@datavideo.co.uk

**Datavideo Technologies Co., LTD.**  
10F, No.17a, Jian-Yi Rd., Chung Ho City, Taipei Hsien, Taiwan, 235.  
Tel:+886-2-8227 3888  
Fax:+886-2-8227 2777  
E-mail:info@datavideo.com.tw

**datavideo®**  
www.datavideo-tek.com

**4 DV input**  
**Digital Video Switcher SE-800**  
Complete DV25 Digital Studio Solution





**Firewire Scan Converter PPT-100**

Convert PowerPoint to DV25 in real time, and input to the SE-800 as a DV source to highlight your presentation by mixing with live video.



**Datavideo CG CG-100**

The first affordable SDI CG solution live SDI title/graphic/logo overlay. CG-100 can be used in any SDI or YUV input switchers. It can be also used in the SE-800 via SDI text overlay interfaces.

- FEATURES**
- Combine DV, Component YUV, S-Video (Y/C) and Composite Video.
  - Output SDI, DV, Component YUV, S-Video (Y/C) or Composite Video.
  - Compatible with 16:9 and 4:3 aspect format
  - SDI Output Input and Output
  - 6 Channel Stereo Audio Mixer.
  - Built in dual channel TBC with YUV 4:2:2 frame synchroniser.
  - RGB Color Processor, programmable for each input.
  - Over 50 Digital Effects include. Fades, Wipes, Dissolves, Zooms, PIP etc.
  - Chroma Key, Mosaic, Paint, Strobe etc.
  - GPI control of 30 programmable events.

APPLICATION



Campus TV Stations



Religious Production Console



Wedding Visual Studio

DV25 Format - the most popular and cost effective digital video format in the world today. From low end broadcasters right to consumer level, DV 25 is the format of choice because it is able to produce and maintain high quality images from shooting, through editing, recording, broadcasting, transmission and streaming.

DataVideo is proud to present an extremely affordable turn key solution for DV 25 digital video studios. It can be utilised in many ways and is already used in Campus TV Stations, Churches, O.B. Vans, Virtual Studios and by wedding videographers, the applications are endless.

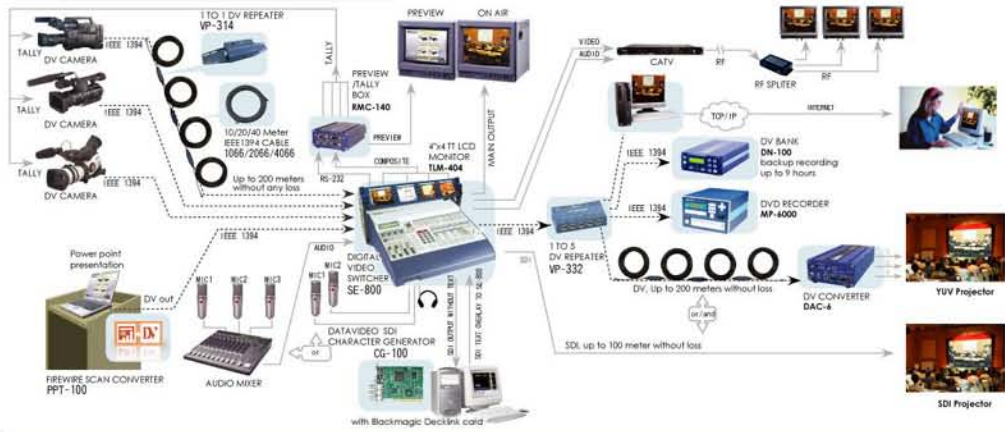


Lecture Production Console



O.B. Vans

INTEGRATION



SE-800AV



**SE-800AV**  
The SE-800AV is same features as the SE-800 just without the DV and SDI ports



DV Input Board



DV Output Board



SDI Output and Overlay Board

You may upgrade the SE-800AV to an SE-800 with the optional DV and SDI interface boards shown above

FEATURES

Inputs



Four each: DV5-Video, Composite, Component.  
\*SE-800A V does not accept DV\*

Outputs



One each, all live: DV, SDI, Component, Composite, Black Burst.  
\*SE-800AV does not output DV or SDI\*

Monitor Outputs



Each video input module has a composite video output for monitoring.

F Keys & T



30 preprogrammed functions that you may access by pressing a single key

Cuts between Sources



By pressing these keys you can cut between sources.

Voice Sync.



Slow the voice relative to the image. Advance or delay the audio to match the video.

Audio Mixer



4 channel audio mixer (unbalanced). Use BAC-03 for balanced audio sources.

Joystick



Controls "white balance" or Picture in Picture. All settings saved at power off.

Color Processor



White balance for each input. Last settings saved at power up.

RS232 Control



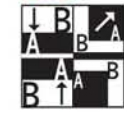
RS232 control connects to the RMC-90 remote or to the "PC Remote".

GPI Input



GPI Trigger controls preprogrammed effects from F01 to F30 in sequence.

Effects

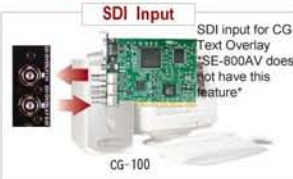


50+ Digital effects.

Genlock



Dual Channel Time Base Corrector and 4:2:2 frame sync built in.



**SDI Input**  
SDI input for CG Text Overlay  
\*SE-800AV does not have this feature\*



CG-100 user interface  
Original video source



BIRTV Beijing Birtv show  
DVD recorder/MP-6000, Multi-format conversion  
Output video from SE-800 with title/graphic/logo

REAR PANEL

