

# Datavideo Product Compare

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| Modell-Nr                  | <b>SE-4500</b>                                                                                                                                                                                                                                                                                                     |
| Product                    | <b>Professioneller 4K-Studio-Switcher</b>                                                                                                                                                                                                                                                                          |
| Video Standard             | 4K                                                                                                                                                                                                                                                                                                                 |
| Video Format               | Input:<br>3840x2160p: 60/59.94/50/30/29.97/25<br>1080p: 60/59.94/50/30/29.97/25<br>1080i: 60/59.94/50<br><br>Output: 4K60 8-Channel<br>3840x2160p: 60/59.94/50/30/29.97/25<br>1080p: 60/59.94/50/30/29.97/25<br>1080i: 60/59.94/50<br><br>Output: 4K30 12-Channel<br>3840x2160p: 30/29.97/25<br>1080p: 60/59.94/50 |
| Video Processing           | SDI: 4:2:2 10-bit<br>HDMI: YUV 4:2:2 10-bit, RGB: 4:4:4 8/10-bit                                                                                                                                                                                                                                                   |
| Input Rutable / Crosspoint | YES                                                                                                                                                                                                                                                                                                                |
| Video Input                | Total 8 live inputs for 4k60 (select 8 from 12) or Total 12 input for 4K30<br>8 x 12G-SDI<br>4 x HDMI                                                                                                                                                                                                              |
| Mix HD & SD Source         | ---                                                                                                                                                                                                                                                                                                                |

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| Computer Graphic Interface         | 4 via HDMI                                                                                                                                              |
| Video Output                       | 4 x 12G-SDI / 1 x HDMI<br>All assignable: Multiview, PGM, PVW, PGM+DSK, Clean PGM, Clean PVW, Input 1-12<br><br>2 x HDMI PGM only<br>1 x HDMI Multiview |
| Down-converted Output              | Yes                                                                                                                                                     |
| Built-in Multi-view Monitoring Out | 10" 1080p LCD                                                                                                                                           |
| Analogue Audio Input               | 4 x Analogue XLR                                                                                                                                        |
| Analogue Audio Output              | 2 x Analogue XLR                                                                                                                                        |
| Digital Embedded Audio Support     | Input 4 channels, Output 4 channels                                                                                                                     |
| Audio Delay Calibration            | Up to 16 fields or 8 frames per channel                                                                                                                 |
| A+V Switching                      | Yes                                                                                                                                                     |
| Chromakey                          | 4                                                                                                                                                       |
| Title Creator                      |                                                                                                                                                         |
| USK                                | 4x Keyer support Chromakey/ Linear/ Luma Key                                                                                                            |
| DSK                                | 2x DSK support Lumakey & Linear key (Key / Fill)                                                                                                        |
| Picture in Picture                 | 2                                                                                                                                                       |

|                         |                                                                                                                                            |
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| Logo Insertion          | 2                                                                                                                                          |
| Still Store             | 250                                                                                                                                        |
| Effects                 | FTB, Cut, 32 Wipe with border                                                                                                              |
| Transition Preview      | Full transitions preview                                                                                                                   |
| Sync / Reference In/Out | 1 x BNC Ref in<br>1 x BNC Ref out (loop-through)<br>(available after firmware upgrade)                                                     |
| Tally Output            | 1x D-Sub 25pin, dual color                                                                                                                 |
| PC Remote Control       | DVIP (Ethernet)                                                                                                                            |
| Camera Control          | DVIP/ RS-422/ RS-232                                                                                                                       |
| Built-in Audio Mixer    | Yes                                                                                                                                        |
| Storage                 | 1 x SD Card Slot<br>Supports SD, SDHC and SDXC card (UHS-I) (Class 10 above).                                                              |
| Recording File System   | FAT32, exFAT                                                                                                                               |
| Recording File Format   | MP4 (H.265+ AAC) or (H.264+ AAC)                                                                                                           |
| Video Encode            | H.264: MAX RES: 4K@30 420 8bit codec<br>H.265: MAX RES: 4K@60 420 8bit codec                                                               |
| Audio Encode            | AAC 2CH,<br>16bit 48KHz 192Kbps                                                                                                            |
| Streaming Protocol      | RTMP<br>SRT                                                                                                                                |
| Firmware Update         | USB / Ethernet                                                                                                                             |
| Special Features        | Built in Dual 10" Panel<br>1 x 10" Touch Panel for operation<br>1 x 10" 1080p Panel for Multiview or PGM<br>Streaming encoder and recorder |

|                             |                                                       |
|-----------------------------|-------------------------------------------------------|
| Chassis                     | Unibody                                               |
| Dimension<br>(LxWxH)        | 580*443*297mm                                         |
| Weight                      | 11.2kg                                                |
| Power                       | DC 56V, 250W                                          |
| Operating<br>Temp.<br>Range | 0~40 °C                                               |
| What's in<br>the Box        | 1 x SE-4500 Unit<br>1 x AD Switch DC 56V with AC Cord |