

COMPARATIVA CONVERSORES DATAVIDEO 2023

| Model | DAC-90 | DAC-91 | DAC-70 | DAC-60 | DAC-50S | DAC-4S | DAC-8P 4K | DAC-9P | DAC-8P 4K | DAC-8PA |
|-------------------------------|---|---|---|--|---|--|---|--|--|---|
| Código Crambo | 39833 | 60278 | 39832 | 36873 | 46829 | 70670 | 91810 | 34424 | 90192 | 81147 |
| Product | SDI Audio De-embedder | SDI Audio Embedder | Up / Down / Cross Converter | SDI to VGA Converter | SDI to Analogue Converter | 4K Up/Down Cross Converter | 4K HDMI to SDI Converter | HDMI to SDI Converter | 4K SDI to HDMI Converter | SDI to HDMI Converter |
| URL | https://www.datavideo.com/eu/product/DAC-90 | https://www.datavideo.com/eu/product/DAC-91 | https://www.datavideo.com/eu/product/uc/DAC-70 | https://www.datavideo.com/eu/product/DAC-60 | https://www.datavideo.com/eu/product/DAC-50S | https://www.datavideo.com/eu/product/DAC-4S | https://www.datavideo.com/eu/product/DAC-8P+4K | https://www.datavideo.com/eu/product/DAC-9P | https://www.datavideo.com/eu/product/DAC-8P+4K | https://www.datavideo.com/eu/product/DAC-8PA |
| Conversion | Audio De-embedder | Audio Embedder | VGA/HDMI/SDI to HDMI/SDI Multi-format Up/Down/Cross | 3G/HD/SD-SDI to VGA | 3G/HD/SD-SDI to Analog Down Converter | VGA/HDMI/SDI to 4K HDMI/3G-SDI Multi-format Up/Down/Cross | 4K HDMI to 12G/3G/HD/SD-SDI | HDMI to 3G/HD/SD-SDI | 12G-SDI to HDMI 2.0 | 3G/HD/SD-SDI para HDMI |
| Video Inputs | 3G/HD/SD-SDI x 1 | 3G/HD/SD-SDI x 1 | 1x VGA, 1x HDMI, 1x 3G/HD/SD-SDI (support Level A and Level B) | 1x 3G/HD/SD-SDI | 1x 3G/HD/SD-SDI | 1x VGA, 1x HDMI, 1x HD/SD-SDI 1x Reference Input | 1x HDMI 2.0 Type A | 1x HDMI | 12G-SDI x 1 | 1x 3G/HD/SD-SDI |
| Loop Through | ---- | ---- | Yes | Yes | Yes | ---- | 1 x HDMI 2.0 Type A | ---- | 1 | 1 |
| Video Outputs | 3G/HD/SD-SDI x 1 (Re-clocked Loop through) | 3G/HD/SD-SDI x 2 | 2x 3G/HD/SD-SDI with embedded Audio (Support Level A and Level B) 1x HDMI | 1x VGA | YUV + Composite or Y/C + 2x Composite | 1x SDI, 1x HDMI | 2 x 12G-SDI (3G-SDI Level A) | 2x 3G/HD/SD-SDI with embedded Audio | 1x HDMI 2.0 with embedded Audio | 1x HDMI com Audio embedded |
| Audio Inputs | ---- | Mini XLR (balanced) x 2 ,RCA (unbalanced) x 2 * Mini XLR1 & RCA1 mixed to CH1 * Mini XLR2 & RCA2 mixed to CH2 | 2x RCA (Stereo Pair), 2x SDI/HDMI Audio embedded | ---- | 1x SDI Audio embedded | 2x RCA (Unbalanced Audio L/R), 2x SDI/HDMI Audio embedded | 2 x RCA (Unbalanced Audio L/R) HDMI embedded audio, 24-bit, 8-channel | 2x HDMI Audio embedded | SDI embedded audio, 24-bit, 16-channel | 2x SDI Audio embedded |
| Audio Outputs | Mini XLR (Balanced) x 4 | ---- | SDI embedded audio up to 8CH, 48KHz, PCM audio HDMI embedded audio up to 8CH, 48KHz, PCM audio | ---- | 2x RCA (Stereo Pair) | SDI embedded audio up to 8CH, 48KHz, PCM audio HDMI embedded audio up to 8CH, 48KHz, PCM audio | SDI embedded audio, 24-bit, 8-channel | 2x SDI Audio embedded | RCA x 2 (Unbalanced Audio L/R) HDMI embedded audio, 24-bit, 8-channel | 2x RCA (Estéreo) |
| Audio Format Selection | SMPTE, EBU | SMPTE, EBU | ---- | ---- | ---- | ---- | N/A | ---- | ---- | ---- |
| Audio Gain | ---- | Yes | ---- | ---- | ---- | ---- | N/A | ---- | ---- | ---- |
| Supported Video Input Formats | ---- | ---- | 1080p(23.98/24/25/29.97/30/50/59.94/60Hz), 1080psf(23.98/24/25/29.97/30Hz), 1080i (50/59.94/60Hz), 720p (50/59.94/60Hz), 625i, 576p, 576i, 525i, 480p, 480i, 1920x1080(60Hz), 1280x720(60Hz), 1600x1200(60Hz), 1400x1050(60Hz), 1366x768(60Hz), 1280x1024(60Hz), 1024x768(60Hz), 800x600 (60Hz) | 1080p (23.98/24/25/29.97/30/50/59.94/60Hz), 1080i (50/59.94/60Hz), 720p (50/59.94/60Hz), 576i (PAL), 480i (NTSC) | 1080p (50/59.94Hz) , 1080i (50/59.94Hz), 720p (50/59.94Hz), 576i, 480i | 2160p(23.98/24/25/29.97/30/50/59.94/60Hz), 1080p(23.98/24/25/29.97/30/50/59.94/60Hz), 1080psf(23.98/24/25/29.97/30Hz), 1080i (50/59.94/60Hz), 720p (50/59.94/60Hz), 625i, 576p, 576i, 525i, 480p, 480i, 1920x1080(60Hz), 1280x720(60Hz), 1600x1200(60Hz), 1400x1050(60Hz), 1366x768(60Hz), 1280x1024(60Hz), 1024x768(60Hz), 800x600 (60Hz) | 4096x2160p: 60/50/30/25/24 3840x2160p: 60/50/30/25/24 1080p: 60/50/30/25/24 1080i: 60/50, 720p: 60/50 | 1080p (23.98/24/25/29.97/30/50/59.94/60Hz), 1080i (50/59.94/60Hz), 720p (50/59.94/60Hz), 576i (PAL), 480i (NTSC) | 4096x2160p: 60/59.94/50/30/29.97/25/24/23.98 3840x2160p: 60/59.94/50/30/29.97/25/24/23.98 1080p: 60/59.94/50/30/29.97/25/24/23.98 1080i: 60/59.94/50 720p: 60/59.94/50 | 1080p (23.98/24/25/29.97/30/50/59.94/60Hz), 1080i (50/59.94/60Hz), 720p (50/59.94/60Hz), 625i 50 (PAL), 525i 59.94 (NTSC) |
| Output Resolutions | ---- | ---- | 1080p(23.98/24/25/29.97/30/50/59.94/60Hz), 1080i (50/59.94/60Hz), 720p (50/59.94/60Hz), 625i, 525i | 1920x1200 (60Hz), 1920x1080(60Hz), 1600x1200(60Hz), 1400x1050(60Hz), 1366x768(60Hz), 1280x1024(60Hz), 800x600 (60Hz) | 576i, 480i | 2160p(23.98/24/25/29.97/30/50/59.94/60Hz), 1080p(23.98/24/25/29.97/30/50/59.94/60Hz), 1080psf(23.98/24/25/29.97/30Hz), 1080i (50/59.94/60Hz), 720p (50/59.94/60Hz), 625i, 576p, 576i, 525i, 480p, 480i | Automatically matches the SD, HD and 4K HDMI video input | Automatically matches the SD, HD and 3G HDMI video input | Automatically matches the HD, 3G and 12G SDI video input | Combina automaticamente a entrada de vídeo SD, HD e 3G SDI |
| Equalizer | ---- | ---- | Yes | Yes | Yes | ---- | N/A | ---- | Yes | Sim |
| Reclock | ---- | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Sim |
| SDI Cable Drive | ---- | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Sim |
| Updates and Configuration | Mini USB x 1 | Mini USB x 1 | Mini USB x 1 | Mini USB x 1 | Mini USB x 1 | Mini USB x 1 | USB Type C | ---- | USB Type C x 1 | Mini USB x 1 |
| Dimension (LxWxH) | 112 x 85 x 45 mm | 112 x 85 x 45 mm | 112 x 85 x 45 mm | 112 x 85 x 45 mm | 112 x 85 x 45 mm | 220 x 143 x 42 mm | 136.5 x 85 x 45 mm | 112 x 85 x 45 mm | 112 x 85 x 45 mm | 112 x 85 x 45 mm |
| Weight | 0.4 kg | 0.4 kg | 0.4 kg | 0.4 kg | 0.5 kg | 1 kg | 0.39 kg | 0.3 kg | 0.3 kg | 0.4 kg |
| Operating Temp. Range | 0°-40 °C | 0°-40 °C | 0°-40 °C | 0°-40 °C | 0°-40 °C | 0°-40 °C | 0°-40 °C | 0°-40 °C | 0°-40 °C | 0°-40 °C |
| Power | DC 12V, 0.5A | DC 12V, 0.5A | DC 12V, 6W | DC 12V, 3.6W | DC 12V, 6W | DC 12V, 9.4W | DC 12V, 9.4W | DC 12V, 5W | DC 12V, 8.64W | DC 12V, 4W |
| What's in the Box | 1 x DAC-90 product 1 x AD Switch DC 12V 2 x Mini XLR to male XLR cable | 1 x DAC-91 product 1 x AD Switch DC 12V 2 x Mini XLR to female XLR cable | 1 x DAC-70 1 x AD Switch DC 12V 1 x DIP switch Pin 8 label | 1 x DAC-60 product 1 x AD Switch DC 12V | 1 x DAC-50S 1 x AD Switch DC 12V | 1 x DAC-4S 1 x AD Switch DC 12V | 1 x DAC-8P 4K 1 x AD Switch DC 12V | 1 x DAC-9P 1 x AD Switch DC 12V | 1 x DAC-8P 4K 1 x AD Switch DC 12V | 1 x DAC-8PA produto 1 x AD Switch DC 12V |