

GAMA MEZCLADORES DATAVIDEO FEBRERO 2024

	SE-4000 CODEDIO CHAMBO	SE-3200 77319	SE-3200MU 45660	SE-650 69120	SE-500HD 69119	CAST 10NCR 90454	CAST mini 92204	SHOWCAST 100 90455
	4K 8-Channel Digital Video Switcher	HD 12-Channel Digital Video Switcher	6 Input Rackmount HD Switcher	4 Input HD digital video switcher	4 Channel 1080p HDMI Video Presentation Switcher	1-Channel All-in-one Streaming Switcher	4K Dual Channel Presentation Switcher	4K SHOWCAST Streaming Studio
URL	https://datavideo.com/eu/product/SE-4000	https://datavideo.com/eu/product/SE-3200	https://datavideo.com/eu/product/SE-3200MU	https://datavideo.com/eu/product/SE-650	https://datavideo.com/eu/product/SE-500HD	https://datavideo.com/eu/product/CAST1-10NCR	https://datavideo.com/eu/product/CAST-mini	https://datavideo.com/eu/product/SHOWCAST100
Video Standard	4K & HD	Full HD	HD	HD	Full HD & SD	HD & SD	4K & HD	4K & HD
Video Format	Input: 3840x2160p: 60/59.94/50/30/29.97/25 1080p: 60/59.94/50/30/29.97/25 1080i: 60/59.94/50 Output: 3840x2160p: 60/59.94/50/30/29.97/25 1080p: 60/59.94/50/30/29.97/25 1080i: 60/59.94/50	1080p 50/59.94/60Hz 1080i 50/59.94/60Hz 720p 50/59.94/60Hz	1080i 50/59.94/60Hz 720p 50/59.94/60Hz	1080p 50/59.94/60Hz 1080i 50/59.94/60Hz 720p 50/59.94/60Hz 576i 50Hz 480i 59.94Hz	1080p 50/59.94/60Hz 1080i 50/59.94/60Hz 720p 50/59.94/60Hz 576i 50Hz 480i 59.94Hz	Input: 1080p60/59.94/50, 1080p30/29.97/25/24/23.98 1080i60/59.94/50, 720i: 60/59.94/50 720p60/59.94/50 480i59.94, 576i50 Output: 1080p60/59.94/50+1080p60/59.94/50 1080p: 60/59.94/50/30/29.97/25/24/23.98 1080i: 60/59.94/50/30/29.97/25/24/23.98 720p60/59.94/50+720p60/59.94/50 480i59.94, 576i50+480i29.97, 576p25 (not supporting interface)	Input: 3840x2160p: 30/29.97/25/24/23.98 1080p: 60/59.94/50/30/29.97/25/24/23.98 1080i: 60/59.94/50/30/29.97/25/24/23.98 720p: 60/59.94/50 525i59.94 NTSC, 625i50 PAL 480i59.94, 576i50 Output: 3840x2160p: 30/29.97/25 1080p: 60/59.94/50/30/29.97/25/24/23.98 1080i: 60/59.94/50/30/29.97/25/24/23.98 720p: 60/59.94/50 525i59.94 NTSC, 625i50 PAL 480i59.94, 576i50 Output: 3840x2160p: 30/29.97/25/24/23.98 1080p: 60/59.94/50/30/29.97/25/24/23.98 1080i: 60/59.94/50/30/29.97/25/24/23.98 720p: 60/59.94/50	Input: 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: 60/59.94/50/30/29.97/25/24/23.98 720p: 60/59.94/50 VGA, HGA (1024 x 768), SXGA (1280 x 1024), UXGA (1600 x 1200), WXGA (1920 x 1200)
Video Processing	SDI: 4:2:2 10-bit HDMI: YUV 4:2:2 10-bit, RGB: 4:4:4 8/10-bit	SDI: 4:2:2 HDMI: YUV 4:2:2, RGB: 4:4:4	SDI: 4:2:2 HDMI: YUV 4:2:2 10-bit, RGB: 4:4:4	SDI: 4:2:2 HDMI: YUV 4:2:2 10-bit, RGB: 4:4:4	SDI: 4:2:2 HDMI: YUV 4:2:2 10-bit, RGB: 4:4:4	HDMI: YUV 4:4:4 10-bit, RGB: 4:4:4		4K, 2K/50 4:4:4, 8bit
Input Routable / Crosspoint	YES	All 12, repeatable	All 6, repeatable	All 4, repeatable	---	N/A	N/A	N/A
Video Input	Total 8 line inputs (select 8 from 12) 8 x 12G-SDI 4 x HDMI	8x SDI, 4x HDMI	4x HD-SDI 2x HDMI (RGB/YUV, 1080i/1080p/720p)	3x HD-SDI 2x HDMI	4x HDMI	1 x 3G/HD/SD-SDI (BNC 75 ohm) 4 x HDMI 1.4 (Channel 1 as SD/HDMI selectable) 1 x USB 3.0 1 x RTSP/RTT / HX via IP Stream	2 x HDMI 1.4	4 x HDMI 2.0
Mix HD & SD Source	---	---	---	---	YES	YES	N/A	---
Computer Graphic Interface	4 via HDMI	4 via HDMI	2 via HDMI	2 via HDMI	4 via HDMI	4 via HDMI	2 via HDMI	4 via HDMI
Video Output	4 x 12G-SDI 3 x HDMI All assignable: Multiview, PGMA, PPWM, PGMA+DSK, Clean PGMA, Clean PPWM, Input 1-12	6x SDI Outputs assignable: Multiview, PGMA, PPWM, PGMA+DSK, Clean PGMA, Clean PPWM, Input 1-12, STILL 1, STILL 2, File source 3x HDMI assignable: Multiview, PGMA, PPWM, PGMA+DSK, Clean PGMA, Clean PPWM, Input 1-12, STILL 1, STILL 2, File source	2x HD-SDI 2x HDMI assignable: PGMA/DSK 8bit, PGMA/DSK 11, PGMA Clean, PPWM/DSK, multi-view, Input 1-6	2 x HDMI (1 is MV, 1 is Assignable) 1 x HD-SDI (Assignable)	2 x HDMI (1 is MV, 1 is PGMI) 1 x HD-SDI (Assignable)	1 x 3G/HD/SD-SDI loop-through 1 x HDMI 1.4 1 x HDMI 1.4 (Multiview) 2 x RJ-45 female (10/100/1000M Ethernet) (LAN & WAN)	1 x HDMI 1.4 1 x USB 3.0 Type C (LVC)	3 x HDMI 2.0 for PGMA 1 x HDMI for CG Preview
Down-Converted Output	Yes	1x SDI	---	---	Yes	1080p output	Yes	Yes
Built-in Multi-view Monitoring Out	HDMI & SDI assignable	HDMI & SDI assignable	HDMI & SDI assignable, Ethernet (MJPEG)	HDMI & SDI assignable	HDMI	HDMI x1	N/A	On 14" Touch Panel
Analogue Audio Input	4 x Analogue XLR	4x Balanced XLR	2x Balanced XLR	1 x Stereo RCA (L/R) 1 x Stereo headPHONE (Mini jack with volume control) 2 x Mono Microphone	1 x Stereo RCA (L/R) 2 x Mono Microphone	1xLR-Balanced audio x2 RCA Unbalanced audio x 1 pair SDI embedded audio HDMI embedded audio IP Audio (RTSP AAC-ADTS, PCM) (External and embedded audio available)	2 x 3 Pin XLR / 1/4" (6.3mm) Combo Socket	2 x 3 Pin XLR / 1/4" (6.3mm) Combo Socket 1 x Stereo RCA set (L/R) Audio Input Switch: Stereo / Mono
Analogue Audio Output	2 x Analogue XLR	2x Balanced XLR	---	1 x Stereo RCA (L/R) 1 x Stereo headPHONE (Mini jack with volume control)	1 x Stereo RCA (L/R) 1 x Stereo headPHONE (Mini jack with volume control)	1 x Stereo RCA set (L/R) 1 x Stereo headPHONE	1 x Stereo RCA set (L/R) 1 x Stereo headPHONE	1 x Stereo RCA set (L/R) 1 x Stereo headPHONE (Mini jack with volume control)
Digital Embedded Audio	Input 4 channels, Output 4 channels	Input 2 channels, Output 4 channels	Input 2 channels, Output 2 channels	Digital 2 channels, Output 2 channels	Input 2 channels, Output 2 channels	Input 2 channels, Output 2 channels	Input 2 channels, Output 2 channels	Input 2 channels, Output 2 channels
Audio Delay Calibration	Up to 16 Fields or 8 frames per channel	Up to 16 Fields or 8 frames per channel	---	---	---	Each channel delay time: 0-3000ms	Up to 170ms	Up to 200ms
AVC Switching	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ChromaKey	4	4	2	1	---	N/A	N/A	---
Title Creator	Yes (Control panel by firmware update)	Yes, CG-200 software free download	2x Keyer support Chromakey/ Linear/ Luma Key	2x Keyer support Chromakey/ Linear/ Luma Key	Lumakey	Web GUI	N/A	Web GUI
UDK	4x Keyer support Chromakey/ Linear/ Luma Key	4x Keyer support Chromakey/ Linear/ Luma Key	2x Keyer support Chromakey/ Linear/ Luma Key	2x Keyer support Chromakey/ Linear/ Luma Key	Lumakey	N/A	N/A	Lumakey
DSK	2x DSK support Lumakey & Linear key (Key / Fill)	2x DSK support Lumakey & Linear key (Key / Fill)	2x DSK support Lumakey/ Linear key (Key / Fill)	2x DSK support Lumakey/ Linear key (Key / Fill)	---	N/A	N/A	---
Picture in Picture	2	8 (xPIP, 4x File Source)	---	---	1	Yes (PGMI)	N/A	---
Layer Insertion	2	2	---	---	2	Yes	N/A	---
Still Store	250	999	500	500	---	N/A	N/A	---
Effects	FTB, Cut, 32 Wipe with border	FTB, Cut, 32 Wipe with border	FTB, Cut, 32 Wipe with border	FTB, Cut, 32 Wipe with border	FTB, Cut, Wipe with border	Cut	Staircase Cut, Wipe, Mix	---
Transition Preview	Full transitions preview	Full transitions preview	Full transitions preview	Full transitions preview	N/A	N/A	N/A	N/A
Sync / Reference In/Out	1 x BNC Ref in 1 x BNC Ref out (loop-through) (available after firmware upgrade in the future)	Built-in Genlock Support external sync with loop thru	Built-in Genlock (internal)	Built-in Genlock (internal)	Built-in Genlock (internal)	N/A	N/A	Built-in Genlock (internal)
Tally Output	1x D-sub 25pin, dual color	1x D-sub 25pin, dual color	1x D-sub 15pin, dual color	1x D-sub 15pin, dual color	1x D-sub 15pin, dual color	N/A	N/A	D-Sub -15 Male connector
PC Remote Control	DVP (Ethernet)	R5-232 / DVP (Ethernet)	R5-232 / DVP (Ethernet)	DVP (Ethernet)	Web UI for system configuration and control Serial Port Control: RS-232 (RS-485)	N/A	N/A	Web browser UI for configuration and control Socket commands
Camera Control	---	---	---	---	N/A	DVP/ RS-422/ RS-232	DVP/ RS-422/ RS-232	DVP/ RS-422/ RS-232
Built-in Audio Mixer	Yes	---	---	Yes, 4 channels	Yes, 4 channels	Yes	N/A	Yes
Storage	---	---	---	---	---	SATA (6Gb/s)	N/A	1 x SD Card Slot Supports SD, SDHC and SDXC card (UHS-I) (Class 10 or above)
Recording File System	---	---	---	---	---	FAT, exFAT	N/A	FAT, NTFS, exFAT
Recording CRF Format	---	---	---	---	---	MPEG	N/A	MPEG
Video Encode	---	---	---	---	---	H.264	N/A	H.264 / AVC, Main/ High Profile Record Only: up to 10Mbps (1080p 50/60) Stream Only: up to 10Mbps (1080p 50/60) Rec and Stream: up to 10Mbps (1080p 25/30) Rec and Stream: up to 30Mbps (1080p50/60), Dual Stream
Audio Encode	---	---	---	---	---	AAC-LC Sample rate: 48KHz, 16bit AAC-LC Sample rate: 48KHz, 16bit Configurable bit rate: 128K or 256K or 384K	N/A	AAC-LC Configurable bit rate ranges from 128Kbps to 384Kbps Sample rate: 48KHz, 16bit
Streaming Protocol	---	---	---	---	---	ONCP client TS over UDP (unicast & multicast) RTSP over HTTP/TCPIP/UDP RTMP (Publish)/RTMPS RTS SRT Client and Listener Web RTSP (encode/decode) NDI 1.1x	N/A	TS over TCP/UDP (unicast & multicast) RTSP over HTTP/TCPIP/UDP (RTSP Elementary Streaming) RTMP (Publish)
Firmware Update	USB / Ethernet	Ethernet	---	USB	USB	Web UI (Interface)	USB	USB
Special Features	9" TouchScreen Display	4 User Memory Preset Free Virtual Set and Stinger transition included	Motion JPEG Multi-view streaming (120 memory preset, BGD Transition on/off option) Free Virtual Set and Stinger transition included	Free Virtual Set and Stinger transition included	Built-in video scaler for mixed resolution inputs Vertical video: crop or rotate Vertical video Multiview	Web UI (Interface) Vertical video: crop or rotate Vertical video Multiview	9" TouchScreen Display	14.0" TouchScreen Display
Chassis	2 units, 2RU rack-mount mainframe	2 units, 2RU rack-mount mainframe	1RU rack-mount mainframe	Unitbody	Unitbody	1RU rack-mount mainframe	Unitbody	Unitbody
Dimension (LxWxH)	433 x 312 x 79 mm (switch) 432 x 250 x 88 mm (main unit)	433 x 312 x 79 mm (switch) 432 x 252 x 88 mm (main unit)	460 x 255 x 49 mm	400 x 250 x 82 mm	400 x 250 x 82 mm	440 x 284 x 44 mm	220 x 154 x 75mm	437.0 x 330.5 x 96.5mm
Weight	7.5 kg	8 kg	1.5 kg	1.9 kg	1.7 kg	2.9 kg	1.1 kg	5.4 kg
Power	Main Unit: DC 12V, 120W Control Unit: DC 12V 17.3W	DC 12V, 69W	DC 12V, 19W	DC 12V, 29W	DC 12V, 29W	DC 12V 24W	DC 12V 18.7W	DC 12V 82W
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
What's in the Box	1 x SE-4000 Main Unit 1 x SE-4000 Control Board 2 x AD-Switch DC 12V 1 x AC Cord 1 x Ethernet Cable 12 x Screw 2 x 2U Ear Rack	1 x SE-3200 Main Unit 1 x SE-3200 Control Board 2 x AD-Switch DC 12V 1 x AC Cord 1 x DB9P TO DB9P Cable 12 x Screw 2 x 2U Ear Rack	1 x SE-3200MU product 1 x AD-Switch DC 12V 1 x DB9P TO DB9P Cable 1 x 1U Rack Mount Ear 6 x M4 Screws for Rack Mount Ear	1 x SE-650 product 1 x AD-Switch DC 12V with AC Cord	1 x SE-500HD product 1 x AD-Switch DC 12V with AC Cord	1 x Cast 10NCR main unit 1 x DC 12V Power Adaptor 2 x 1U Rack Mount Ear 6 x M4 Screws for Rack Mount Ear 1 x 2.5" Removable HDD/SSD Enclosure 4 x Screws for 2.5" Removable HDD/SSD Enclosure 1 x Blank Label 1 x SATA to USB 3.0 Cable	1 x Cast Mini product 1 x AD-Switch DC 12V with AC Cord	1 x Showcast 100 product 1 x AD-Switch DC 12V with AC Cord