



MediaKind AVP4000 (Dual PSU – 6 Slot) S/N: FL54469

Model	Build Version:	Serial:
Advanced Video Processor	9.42.13.Build1	FL54469

Option Slot Summary				
	S Number	Description	Serial Number	HW
Base Unit	S15980	Host Plus Controller Card	27411	10.0
Slot 1	empty			
Slot 2	empty			
Slot 3	S14945	CE-a Pre-Processor	3866	4.1
Slot 4	S14945	CE-a Pre-Processor	10684	4.3
Slot 5	S14945	CE-a Pre-Processor	4404	4.1
Slot 6	S14945	CE-a Pre-Processor	4535	4.11

Chip ID:71 A3 28 7D 2C 0B

License	Status	In Use	Available	Description	Expires	Time Left
AVP/SWO/422/10-BIT	enabled		100	Allows 10 bit encoding in HD H264 4:2:2 mode		
AVP/SWO/DOLBY/AC3	enabled		100	Allows one channel (stereo pair) of audio to be encoded using the Dolby Digital format. Three licences are required for 5.1 encoding.		
AVP/SWO/DOLBY/PLUS	enabled		100	Allows a channel pair of audio to be encoded using the Dolby Digital Plus format.		
AVP/SWO/DOLBY E/DEC	enabled		100	Allows for the decode of one Dolby E bitstream consisting of up to 8 channels in transcode.		
AVP/SWO/DOLBY/AC3/DEC	enabled		100	Allows for the decoding of one Dolby Digital bitstream consisting of up to 5.1 channels in transcode.		
AVP/SWO/M1L2	enabled		100	Allows one stereo pair of audio to be encoded using the MPEG-1 Layer II format		
VP/SWO/SDMP2/420	enabled		100	Allows the module to code MPEG-2 SD video.		
VP/SWO/SDMP2/NR	enabled		100	This feature will allow temporal and spatial filtering techniques to reduce the presence of noise in the picture before it is encoded		
AVP/SWO/MCTF	enabled		100	This feature will allow temporal and spatial filtering techniques to reduce the presence of noise in the picture before it is encoded		
AVP/SWO/REFLEX	enabled		100	This will allow the module to be part of a statmux pool of encoders that share their bit rate using an external multiplexer		
AVP/SWO/PROFEC	enabled		100	This enables the Pro MPEG FEC feature on the IP output.		
AVP/SWO/AAC	enabled		100	Allows one channel (stereo pair) of audio to be encoded using the AAC/HE-AAC format.		
VP/SWO/SD/MCTF	enabled		100	This feature will allow temporal and spatial filtering techniques to reduce the presence of noise in the SD picture before it is encoded		
AVP/SWO/DPI	enabled		100	This enables the video splicing feature.		
AVP/SWO/PAA	enabled		100	This feature enables phase aligned MPEG-2 Layer II audio encode.		
AVP/SWO/PIP	enabled		100	This enables one PiP Channel.		
AVP/SWO/ALC	enabled		100	Enables one stereo pair of Automatic Loudness Control (VP/SWO/ALC).		
AVP/SWO/PSIP	enabled		100	Enables PSIP carousel support via the RCP interface		
AVP/SWO/BISS	enabled		100	This enables BISS encryption.		
AVP/SWO/MP4	enabled		100	Enables one H.264 Video Encoder		
AVP/SWO/HD	enabled		100	Enables one HD Video Encoder		
AVP/SWO/MP2	enabled		100	Enables one MPEG-2 Video Encoder		
AVP/SWO/REMUX	enabled		100	This enables the addition of externally generated transport stream data to a transport stream		
AVP/SWO/TRANS	enabled		100	Enables one EI9000 to perform transcoding		
AVP/SWO/API	enabled		100	Enables the REST API		



AVP/SWO/1080P	enabled	100	Enable one channel of 1080P coding for 3G input
AVP/SWO/CAPPEDVBR	enabled	100	Enable the Capped VBR Buffer mode for EI9000 and EI9000T cards
AVP/SWO/SD/PREMIUM	enabled	100	Enable Premium SD picture video quality for EI9000 and EI9000T cards
AVP/SWO/HD/PREMIUM	enabled	100	Enable Premium HD picture video quality for EI9000 and EI9000T cards
AVP/SWO/ABR/SD	enabled	100	Enables SD Adaptive Streaming output on one card
AVP/SWO/ABR/HD	enabled	100	Enables HD Adaptive Streaming output on one card
AVP/SWO/422/DEC	enabled	100	Allows decoding AVC 4:2:2 10-bit

Chip ID:37 39 33 20 1A 0F

License	Status	In Use	Available Description	Expires	Time Left
CE/SWO/CE-x/H264	enabled	100	This feature enables SD H.264 encoding (main channel).		
CE/SWO/CE-x/HD	enabled	100	This feature enables HD encoding.		
CE/SWO/CE-x/422	enabled	100	This feature enables 4:2:2 and 10 bit encoding of MPEG-2 and H.264 (if the H.264 license is available).		
CE/SWO/3D	enabled	100	This enables 3D operation.		
CE/SWO/MCTF	enabled	100	This feature will allow temporal and spatial filtering techniques to reduce the presence of noise in the picture (SD or HD) before it is encoded		
CE/SWO/DPI	enabled	100	This enables the video splicing feature.		
CE/SWO/M1L2	enabled	100	Allows one stereo pair of audio to be encoded using the MPEG-1 Layer II format		
CE/SWO/AAC	enabled	100	Allows one channel (stereo pair) of audio to be encoded using the AAC/HE-AAC format.		
CE/SWO/DOLBY/AC3	enabled	100	Allows one channel (stereo pair) of audio to be encoded using the Dolby Digital format		
CE/SWO/PAA	enabled	100	This feature enables phase aligned MPEG-2 Layer II audio encode.		
CE/SWO/CE-a/H264	enabled	100	This feature enables SD H.264 encoding.		
CE/SWO/CE-a/HD	enabled	100	This feature enables HD encoding.		
CE/SWO/CE-a/HDJ2K	enabled	100	This feature enables HD JPEG2000 encoding.		
CE/SWO/CE-x/1080p	enabled	100	This feature enables H264 1080p encoding.		
CE/SWO/CE-a/1080pJ2K	enabled	100	This feature enables J2K 1080p encoding.		
CE/SWO/CE-x/STRIPE	enabled	100	This feature enables H264 Stripe Refresh encoding.		

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CE/SWO/CE-x/HD	enabled	100	This feature enables HD encoding.		
CE/SWO/CE-x/422	enabled	100	This feature enables 4:2:2 and 10 bit encoding of MPEG-2 and H.264 (if the H.264 license is available).		
CE/SWO/3D	enabled	100	This enables 3D operation.		
CE/SWO/MCTF	enabled	100	This feature will allow temporal and spatial filtering techniques to reduce the presence of noise in the picture (SD or HD) before it is encoded		
CE/SWO/DPI	enabled	100	This enables the video splicing feature.		
CE/SWO/M1L2	enabled	100	Allows one stereo pair of audio to be encoded using the MPEG-1 Layer II format		
CE/SWO/AAC	enabled	100	Allows one channel (stereo pair) of audio to be encoded using the AAC/HE-AAC format.		
CE/SWO/DOLBY/AC3	enabled	100	Allows one channel (stereo pair) of audio to be encoded using the Dolby Digital format		
CE/SWO/PAA	enabled	100	This feature enables phase aligned MPEG-2 Layer II audio encode.		
CE/SWO/CE-a/H264	enabled	100	This feature enables SD H.264 encoding.		
CE/SWO/CE-a/HD	enabled	100	This feature enables HD encoding.		
CE/SWO/CE-a/HDJ2K	enabled	100	This feature enables HD JPEG2000 encoding.		
CE/SWO/CE-x/1080p	enabled	100	This feature enables H264 1080p encoding.		



CE/SWO/CE-a/1080pJ2K enabled 100 This feature enables J2K 1080p encoding.
 CE/SWO/CE-x/STRIPE enabled 100 This feature enables H264 Stripe Refresh encoding.

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CE/SWO/AAC	enabled		100	Allows one channel (stereo pair) of audio to be encoded using the AAC/HE-AAC format.		
CE/SWO/DOLBY/AC3	enabled		100	Allows one channel (stereo pair) of audio to be encoded using the Dolby Digital format		
CE/SWO/PAA	enabled		100	This feature enables phase aligned MPEG-2 Layer II audio encode.		
CE/SWO/CE-a/H264	enabled		100	This feature enables SD H.264 encoding.		
CE/SWO/CE-a/HD	enabled		100	This feature enables HD encoding.		
CE/SWO/CE-a/HDJ2K	enabled		100	This feature enables HD JPEG2000 encoding.		
CE/SWO/CE-x/1080p	enabled		100	This feature enables H264 1080p encoding.		
CE/SWO/CE-a/1080pJ2K	enabled		100	This feature enables J2K 1080p encoding.		
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CE/SWO/3D	enabled		100	This enables 3D operation.		
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CE/SWO/CE-x/1080p	enabled		100	This feature enables H264 1080p encoding.		
CE/SWO/CE-a/1080pJ2K	enabled		100	This feature enables J2K 1080p encoding.		
CE/SWO/CE-x/STRIPE	enabled		100	This feature enables H264 Stripe Refresh encoding.		