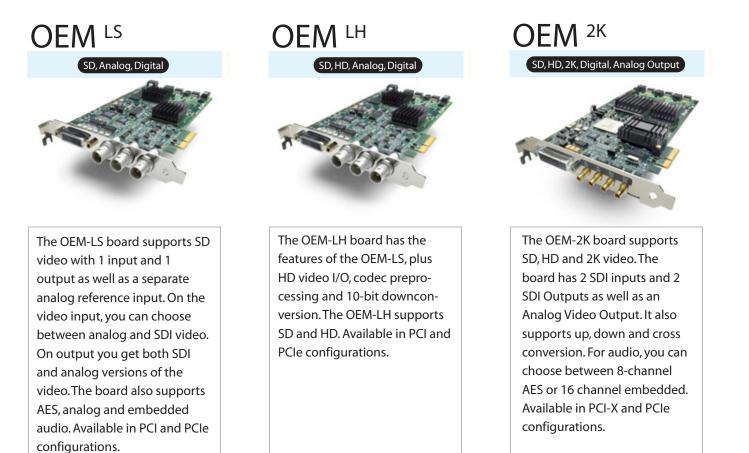
OEM Products Linecard





The OEM-HS supports both SD and HD serial digital video I/O. It has one SDI video input, one SDI video output as well as 6-channel AES and embedded audio I/O.

QUALITY, RELIABILITY, PERFORMANCE...FROM A COMPANY YOU CAN TRUST AJA OEM solutions are compatible with Windows XP and Linux via our SDK (Software Development Kit), sharing one unified API (Application Programming Interface) AJA OEM solutions are feature rich and proven through the years in multitudes of installations..

Our products are built to the highest specifications offering true broadcast-level performance within your systems and applications.

Please see page two of this brochure for further information.



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OEM Products Linecard

Summary Matrix	Product	OEM-LS (e)	OEM-LH (e)	OEM-2K (e)	OEM-HS
This matrix compares the features of	2К	_	_	yes	_
many OEM boards. Please note,	HD	_	yes	yes	yes
however, that there are many OEM	SD	yes	yes	yes	yes
options available for developers. Please	DualLink	—	—	yes	_
contact an AJA OEM Sales Manager to	PCI Interface	PCI-64/66	PCI-64/66	PCI-X 133	PCI-64/66
discuss application and feature sets.	PCIe Interface	4-lane	4-lane	4-lane	—
	Number Busmaster DMA Engines	3	3	3	3
Most boards have:	Number SDI Inputs	1	1	2	1
48 kHz audio (if audio is on the board)	Number SDI Outputs	1 2	1 2	2 2	1
Genlock via digital input	Number Analog Inputs	2	2	2	0
RP-188	Number Analog Outputs	1	1	1	0
8/10-bit YCbCr support	Analog Reference Inputs	yes	yes	yes	yes
Windows and Linux SDKs	, and grieference inputs	yes	yes	yes	yes
Windows and Linux 32/64-bit drivers	Simultaneous I/O	yes*	_	yes	yes
Windows DirectShow Filters	Qrez Compression		yes	_	,
Linux 2.4/2.6 Kernel support	DVCProHD PreProcessing	_	yes	yes	_
	Video Processing	_	yes	yes	yes
HD Formats:	Color Correction	—	—	yes	yes
1080i 50.00/59.94/60.00	Number of Frames of Video	32	16	32	32
720p 59.94/60.00/50.00	Number Independent FrameStores	2	1	2	2
1080psf 23.98/24.00	Color Space Converter on Second Frame Store	—	—	—	_
1080p 23.98/24.00/29.97/30.00					
(note: not all boards support all formats)	Up Converter	—	—	yes	-
	Down Converter		yes	yes	_
SD Formats:	VANC Support Video/Key Out	yes	yes	yes	yes
525 59.94, 625 50.00	Video/Key Out Video/Key In	yes	yes	yes	_
(note: not all boards support all formats)	video/ (ey in	—	—	yes	_
(note, not all boards support all formats)	AES Audio	2 channels	2 channels	8 channels	6 channels
2K Formats:	Embedded Audio	6 channels	8 channels	16 channels	6 channels
	Analog Audio	2 channels	2 channels		
2048 x 1080p 23.98	96khz Audio support			yes	_
2048 x 1080p 24				,	
2048 x 1080psf 23.98	RS-422 Port	yes*	yes	yes	
2048 x 1080psf 24	RP-188 Support	_	yes	yes	yes
2048 x 1556psf 14.98	*OEM-LS: if RS-422 Port is used, a separate bit file is required and simultaneous I/O is then not possible.				
2048 x 1556psf 15					

11/7/2007

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