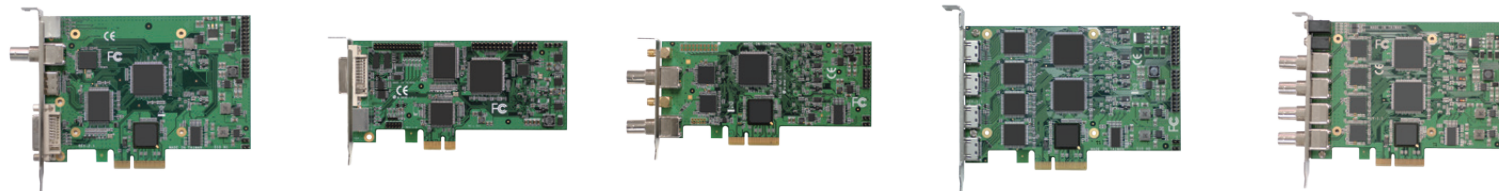


HD-Software Compression

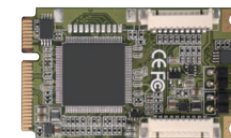
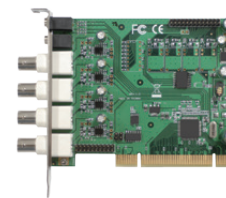
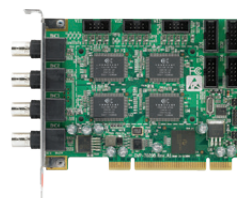
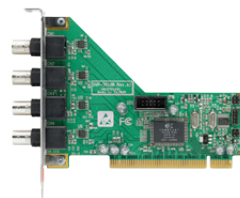


Specifications

		DVP-7010HE	DVP-7012HE	DVP-7020HE	DVP-7030HE	DVP-7032HE
Video	Compression	S/W H.264/MPEG4	S/W H.264/MPEG4	S/W H.264/MPEG4	S/W H.264/MPEG4	S/W H.264/MPEG4
	Channels	1	1	2	4	4
	Host Interface	PCIe x4	PCIe x1 (Gen2)	PCIe x4	PCIe x4	PCIe x4
	Input Interface	HD-SDI/HDMI/DVI-D/DVI-A/YPbPr	DVI-I/YPbPr/S-Video/Composite	SDI	HDMI	SDI
	Max. Display Resolution	1920 x 1080p	1920 x 1080p	1920 x 1080p	1920 x 1080p	1920 x 1080p
	Max. Recording Resolution	1920 x 1080p	1920 x 1080p	1920 x 1080p	1920 x 1080p	1920 x 1080p
	Max. Display Rate	60/50 fps (NTSC/PAL)	60/50 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)
	Max. Recording Rate	60/50 fps (NTSC/PAL)	60/50 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)
	Dual Stream	-	-	-	-	-
	Video Outputs	-	DVI-I/YPbPr/S-Video/Composite Loop Through (Optional)	SDI Loop Through	-	-
Audio	Audio Inputs	1 x SDI, 1 x HDMI, 2 x RCA	2 x RCA	2 x SDI	4 x HDMI	4 x SDI
	Format	Stereo/16 bits/32000~48000 Hz	Stereo/16 bits/32000~48000 Hz	Stereo/16 bits/32000~48000 Hz	Stereo/16 bits/32000~48000 Hz	Stereo/16 bits/32000~48000 Hz
GPIO		16	16	16	16	16
Watchdog		Yes	Yes	Yes	Yes	Yes
Physical Characteristic	Operating Temperature	-20 ~ 70° C (-4~ 158° F)	-20 ~ 70° C (-4~ 158° F)	-20 ~ 70° C (-4~ 158° F)	-20 ~ 70° C (-4~ 158° F)	-20 ~ 70° C (-4~ 158° F)
	Storing Temperature	-40 ~ 85° C (-40 ~ 185° F)	-40 ~ 85° C (-40 ~ 185° F)	-40 ~ 85° C (-40 ~ 185° F)	-40 ~ 85° C (-40 ~ 185° F)	-40 ~ 85° C (-40 ~ 185° F)
	Dimensions	135 x 101 mm	135 x 69 mm	140 x 64.4 mm	140 x 95 mm	140 x 105 mm
	Safety	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC
System Requirement	CPU (Display)	Intel Core 2 Duo E2200 2.2 GHz	Intel Core 2 Duo E2200 2.2 GHz	Intel Core 2 Duo E2200 2.2 GHz	Intel Core 2 Duo E2200 2.2 GHz	Intel Core 2 Duo E2200 2.2 GHz
	CPU (Recording)*	Intel Core 2 Quad Q9400 2.6 GHz	Intel Core 2 Quad Q9400 2.6 GHz	Intel Core 2 Quad Q9400 2.6 GHz	Intel Core 2 Quad Q9400 2.6 GHz	Intel Core 2 Quad Q9400 2.6GHz
	Memory	2 GB	2 GB	2 GB	2 GB	2 GB
	VGA	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c
	Operating System	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits

*For high quality full HD video recording at max. recording rate, Intel Sandy Bridge processor or above and Win7 OS are recommended

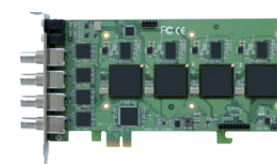
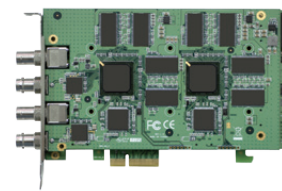
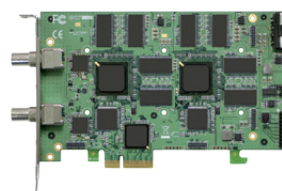
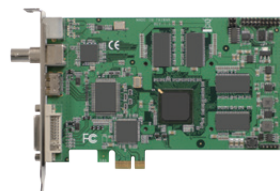
SD-Software Compression



Specifications

		DVP-7010BE	DVP-7020BE	DVP-7030E	DVP-7041E
Video	Compression	S/W MPEG4	S/W MPEG4	S/W H.264/MPEG4	S/W H.264/MPEG4
	Channels	4	16	4	8
	Host Interface	PCI V2.2	PCI V2.2	PCI v3.0~2.2 compatible	Mini-PCIe
	Input Interface	BNC	BNC	BNC	Pin
	Max. Display Resolution	D1	D1	D1	D1
	Max. Recording Resolution	D1	D1	D1	D1
	Max. Display Rate	30/25 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	240/200 fps (NTSC/PAL)
	Max. Recording Rate	30/25 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	240/200 fps (NTSC/PAL)
	Dual Stream	-	-	-	-
	Video Outputs	Multiple YCrCb, RGB, and YUV planar formats supported	Multiple YCrCb, RGB, and YUV planar formats supported	-	-
Audio	Audio Inputs	-	-	4 x RCA	8 x Pin
	Format	-	-	Mono/8~16 bits/8000~48000 Hz	Mono/8~16 bits/8000~48000 Hz
GPIO		Support ADAM-4055 8DI/8DO Module	Support ADAM-4055 8DI/8DO Module	8	Optional
Watchdog		-	-	Yes	Yes
Physical Characteristic	Operating Temperature	-10 ~ 60° C (14 ~ 140° F)	-10 ~ 60° C (14 ~ 140° F)	-20 ~ 70° C (-4 ~ 158° F)	-20 ~ 70° C (-4 ~ 158° F)
	Storing Temperature	-20 ~ 70° C (-4 ~ 158° F)	-20 ~ 70° C (-4 ~ 158° F)	-40 ~ 85° C (-40 ~ 185° F)	-40 ~ 85° C (-40 ~ 185° F)
	Dimensions	125.38 x 97.25 mm	125.38 x 97.25 mm	120 x 96.4 mm	30 x 51 mm
	Safety	CE/FCC	CE/FCC	CE/FCC	CE/FCC
System Requirement	CPU (Display)	-	-	Intel Pentium 4 2.0 GHz	Intel Core 2 Duo E2200 2.2 GHz
	CPU (Recording)	-	-	Intel Core 2 Duo E2200 2.2 GHz	Intel Core 2 Quad Q9400 2.6 GHz
	Memory	-	-	512 MB	2 GB
	VGA	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c
	Operating System	Windows XP/XPc and Windows 2000	Windows XP/XPc and Windows 2000	Windows XP/XPc/Vista/7; Linux 2.6.14 or higher; 32/64 bits	Windows XP/XPc/Vista/7; Linux 2.6.14 or higher; 32/64 bits

HD-Hardware Compression

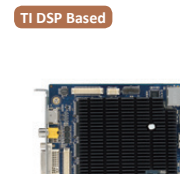
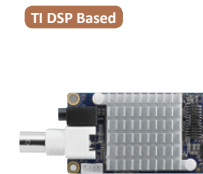
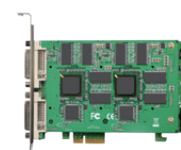
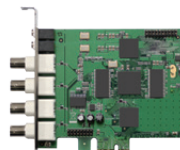
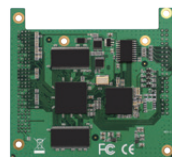


Specifications

		DVP-7610HE	DVP-7620HE	DVP-7630HE	DVP-7632HE
Video	Compression	H/W H.264 Main Profile	H/W H.264 Main Profile	H/W H.264 Main Profile	H/W H.264 Main Profile
	Channels	1	2	4	4
	Host Interface	PCIe x1	PCIe x4	PCIe x4	PCIe x1
	Input Interface	HD-SDI/HDMI/DVI-D/DVI-A/YPbPr	SDI	SDI	SDI
	Max. Display Resolution	1920 x 1080p	1920 x 1080p	1920 x 1080p	960 x 540p
	Max. Recording Resolution	1920 x 1080p + 960 x 540p	1920 x 1080p + 960 x 540p	1920 x 1080p + 960 x 540p	1920 x 1080p + 960 x 540p
	Max. Display Rate	30/25 fps (NTSC/PAL)	60/50 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)
	Max. Recording Rate	30/25 fps (NTSC/PAL)	60/50 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)
	Dual Stream	Yes	Yes	Yes	Yes
Audio	Video Outputs	-	-	-	-
	Audio Inputs	1x SDI, 1x HDMI, 2 x RCA	2 x SDI	4 x SDI	4 x SDI Embedded Audio, 2 x 3.5 mm Phone Jack
	Format	STEREO/16 bits/32000~48000 Hz	STEREO/16 bits/32000~48000 Hz	STEREO/16 bits/32000~48000 Hz	Stereo/16 bits/32000~48000Hz
GPIO		16	16	16	16
Watchdog		Yes	Yes	Yes	Yes
Physical Characteristic	Operating Temperature	-20 ~ 70° C (-4 ~ 158° F)	-20 ~ 70° C (-4 ~ 158° F)	-20 ~ 70° C (-4 ~ 158° F)	-20 ~ 70° C (-4 ~ 158° F)
	Storing Temperature	-40 ~ 85° C (-40 ~ 185° F)	-40 ~ 85° C (-40 ~ 185° F)	-40 ~ 85° C (-40 ~ 185° F)	-40 ~ 85° C (-40 ~ 185° F)
	Dimensions	155 x 101 mm	166 x 109 mm	166 x 109 mm	189 x 90 mm
	Safety	CE/FCC	CE/FCC	CE/FCC	CE/FCC
System Requirement	CPU (Display)	Intel Core 2 Duo E2200 2.2 GHz	Intel Core 2 Duo E2200 2.2 GHz	Intel Core 2 Duo E2200 2.2 GHz	Intel Core 2 Duo E2200 2.2 GHz
	CPU (Recording)	Intel Core 2 Duo E2200 2.2 GHz	Intel Core 2 Duo E2200 2.2 GHz	Intel Core 2 Duo E2200 2.2 GHz	Intel Core 2 Duo E2200 2.2 GHz
	Memory	2 GB	2 GB	2 GB	2 GB
	VGA	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c
	Operating System	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits

SD-Hardware Compression

Specifications



TI DSP Based

TI DSP Based

		DVP-7630E	DVP-7632E	DVP-7634E	DVP-7636E	DVP-7640E	DVP-7650E	DVP-8610E	DVP-8650E
Video	Compression	H/W H.264	H/W H.264	H/W H.264	H/W H.264	H/W H.264 Main Profile	H/W H.264 Main Profile	H.264/RAW	H.264/MJPEG
	Channels	4	4	4	4	8	16	1	16
	Host Interface	PCI-104	mini-PCI	PCI v3.0~2.2 compatible	PCIe x1	PCIe x4	PCIe x4	USB 2.0 High Speed	PCIe x1
	Input Interface	Pin	Pin	BNC	BNC	BNC	BNC	BNC	BNC
	Max. Display Resolution	CIF	CIF	CIF	CIF	D1	D1	D1	D1
	Max. Recording Resolution	D1	D1	D1	D1	D1 + CIF	D1 + CIF	D1	D1
	Max. Display Rate	120/100 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	240/200 fps (NTSC/PAL)	480/400 fps (NTSC/PAL)	30/25 fps (NTSC/PAL)	480/400 fps (NTSC/PAL)
	Max. Recording Rate	120/100 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	120/100 fps (NTSC/PAL)	240/200 fps (NTSC/PAL)	480/400 fps (NTSC/PAL)	30/25 fps (NTSC/PAL)	480/400 fps (NTSC/PAL)
	Dual Stream	-	-	-	-	Yes	Yes	-	-
Audio	Video Outputs	-	-	-	-	-	-	-	HDMI: up to 1080p @ 60fps Loop-out: 16-ch pin header on board (optional)
	Audio Inputs	8 x pin	4 x pin	4 x RCA	4 x RCA	8 x RCA	16 x RCA	1 x Phone jack	8 +8 (Optional) RCA
GPIO	Format	MONO/16 bits/8000 Hz	MONO/16 bits/8000 Hz	MONO/16 bits/8000 Hz	MONO/16 bits/8000 Hz	MONO/16 bits/16000 Hz	MONO/16 bits/16000 Hz	PCM/ G.711	Up to 16-bit, 44kHz
	Watchdog	8	8	8	16	16	16	-	16 DI + 8 DO (Optional)
Physical Characteristic	Operating Temperature	Yes	Yes	Yes	Yes	Yes	Yes	-	-
	Storing Temperature	-20 ~ 70° C (-4 ~ 158° F)	-20 ~ 70° C (-4 ~ 158° F)	-20 ~ 70° C (-4 ~ 158° F)	-20 ~ 70° C (-4 ~ 158° F)	-20 ~ 70° C (-4 ~ 158° F)	-20 ~ 70° C (-4 ~ 158° F)	0 ~ 70° C (32 ~ 158° F)	-20 ~ 70° C (-4 ~ 158° F)
	Dimensions	-40 ~ 85° C (-40 ~ 185° F)	-40 ~ 85° C (-40 ~ 185° F)	-40 ~ 85° C (-40 ~ 185° F)	-40 ~ 85° C (-40 ~ 185° F)	-40 ~ 85° C (-40 ~ 185° F)	-40 ~ 85° C (-40 ~ 185° F)	0 ~ 60° C (32 ~ 140° F)	-40 ~ 85° C (-40 ~ 185° F)
	Safety	96 x 88.6 mm	59.6 x 50.95 mm	121 x 85 mm	111 x 104 mm	166 x 111 mm	166 x 111 mm	70 x 38 mm	140 x 111.15 mm
System Requirement	CPU (Display)	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC
	CPU (Recording)	Intel Pentium 4 2.0 GHz	Intel Pentium 4 2.0 GHz	Intel Pentium 4 2.0 GHz	Intel Core 2 Duo E2200 2.2 GH	Intel Core 2 Duo E2200 2.2 GH	Intel Core 2 Duo E2200 2.2 GH	Intel Core 2 Duo E2200 2.2 GH	Intel Core 2 Duo E2200 2.2 GH
	Memory	Intel Pentium 4 2.0 GHz	Intel Pentium 4 2.0 GHz	Intel Pentium 4 2.0 GHz	Intel Core 2 Duo E2200 2.2 GH	Intel Core 2 Duo E2200 2.2 GH	Intel Core 2 Duo E2200 2.2 GH	Intel Core 2 Duo E2200 2.2 GH	Intel Core 2 Duo E2200 2.2 GH
	VGA	512 MB	512 MB	512 MB	2 GB	2 GB	2 GB	2 GB	2 GB
	Operating System	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c	1024 x 768, DirectX 9.0c	1025 x 768, DirectX 9.0c	1026 x 768, DirectX 9.0c
		Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits	Windows XP/XPe/Vista/7	Windows XP/XPe/Vista/7