

Technical Data of DIVIS DVR

1. HD-SDI DVR
2. HE series DVR
3. D1 DVR
4. MPG_AMX series DVR
5. CAP_eLIV Series DVR
6. NACAP series DVR
7. Compatible Hardware

CHANCE-i Co.,Ltd

Technical Specification (HD-SDI series Board)

Board Model No		VRC6404HD (one board)	VRC6404HD (two board)	VRC6404HD+HE48016 (two board)	two 6404HD+HE48016 (three board)
1	HD-SDI Camera Input	4 channel	8 channel	4 channel	8 channel
	Analog Camera Input			12 channel	8 channel
2	Audio In				
	No. supporting channels			16 channel	16 channel
	Audio Card			Integrated into DVR board	
3	Sensor Input			16 channel	16 channel
4	Relay Out			4 channel	4 channel
5	HDMI Out	1 port (Spot 1, 4 View)	1 port (Spot 1, 4 View)	1 port (Spot 1, 4 View)	1 port (Spot 1, 4 View)
6	Composite Out	1 port (Spot 1, 4 View)	2 port (Spot 1, 4 View)	1 port: same as monitor or Spot 1, 4 View. 1 port : Spot 1, 4 View, optional.	1 port: same as monitor or Spot 1, 4 View. 1 port : Spot 1, 4 View, optional.
7	Compression Codec	H.264 Hardware Codec			
8	Available channel No. for each resolution				
	NTSC				
	352 x 240			12 channel	8 channel
	704 x 240			12 channel	8 channel
	704 x 480			12 channel	8 channel
	1280 x 720	4 channel	8 channel	4 channel	8 channel
	1920 x 1080	4 channel	8 channel	4 channel	8 channel
	PAL				
	352 x 288			12 channel	8 channel
	704 x 288			12 channel	8 channel
	704 x 576			12 channel	8 channel
	1280 x 720	4 channel	8 channel	4 channel	8 channel
	1920 x 1080	4 channel	8 channel	4 channel	8 channel
9	Display Frame Rate				
	NTSC	Real Time	Real Time	Real Time	Real Time
	PAL	Real Time	Real Time	Real Time	Real Time
10	Frame Rate at Recording Mode				
	NTSC	Per each channel x 4 ch	Per each channel x 8 ch	Per ea. channel x 16ch	Per ea. channel x 32 ch
	352 x 288			30 fps/ch	30 fps/ch
	704 x 288			15 fps/ch	15 fps/ch
	704 x 576			7.5 fps/ch (30 fps*4ch)	7.5 fps/ch
	1280 x 720	30 fps/ch	30 fps/ch	30 fps/ch	30 fps/ch
	1920 x 1080	15 fps/ch	15 fps/ch	15 fps/ch	15 fps/ch
	PAL				
	352 x 288			25 fps/ch	25 fps/ch
	704 x 288			12.5 fps/ch	12.5 fps/ch
	704 x 576			6.25 fps/ch(25 fps*4ch)	6.25 fps/ch
	1280 x 720	25 fps/ch	25 fps/ch	25 fps/ch	25 fps/ch
	1920 x 1080	12.5 fps/ch	12.5 fps/ch	12.5 fps/ch	12.5 fps/ch

Board Model No	VRC6404HD (one board)	VRC6404HD (two board)	VRC6404HD+HE48016 (two board)	two 6404HD+HE48016 (three board)
11	File Size (KB/frame)			
	NTSC			
	352 x 240	0.5 - 4 KB/frame	0.5 - 4 KB/frame	0.5 - 4 KB/frame
	704 x 240	2 - 16 KB/frame	2 - 16 KB/frame	2 - 16 KB/frame
	704 x 480	2 - 16 KB/frame	2 - 16 KB/frame	2 - 16 KB/frame
	1280 x 720			
	1920 x 1080			
	PAL			
	352 x 288	0.7 - 5 KB/frame	0.7 - 5 KB/frame	0.7 - 5 KB/frame
	704 x 288	2.5 - 20 KB/frame	2.5 - 20 KB/frame	2.5 - 20 KB/frame
	704 x 576	2.5 - 20 KB/frame	2.5 - 20 KB/frame	2.5 - 20 KB/frame
	1280 x 720			
	1920 x 1080			
12	Image format			
	YUV			
13	Recording Mode			
	Mode			
	Watch, Normal, Motion Detection, Sensor, Event			
	Main DVR			
	Live			
	Network PC			
	Local image recording while watching remote views			
14	Searching			
	Main DVR			
	Local Searching (Image and audio)			
	Remote PC			
	Remote and Local Searching (Image)			
	Web (over Internet)			
	Remote Search			
15	Back-Up			
	Media			
	DAT, CD, DVD, Network Drive			
	Saving (moving image)			
	AVI (Special and STD)			
	Saving (static image)			
	BMP from search, backup viewer			
	Web (over Internet)			
	AVI Back up			
16	Remote Connections			
	Modem			
	PSTN, ISDN			
	TCP/IP			
	Cable Modem, DSL, Ethernet			
17	PTZ Interface			
	RS232/RS422/RS485			
	Supporting Protocol			
	More than 45 camera at present			
	Availability			
	Main DVR, Remote PC, Web Search over internet			
18	Other features			
	Motion Detection			
	Software motion Detection			
	Searching			
	Normal, Icon, Panorama Search + POS search (Text)			
	Image Security			
	WaterMark			
	Application software			
	POS, Access control, ATM, PDA etc			
	Notification			
	Event and Video Loss (Sound Alarm, Relay, E-mail, Phone, Preset)			
	Protect System			
	Hardware Watchdog			
	Backup Viewer			
	Viewer of Backup Data stored at other place			
	Quick Viewer			
	Emergency Data Recovery			
	IP SERVER			
	Remote viewing by Dynamic IP user			
	DB Tool			
	Generating Index for removed HDD to use at other machine			
19	Compatible system			
	CPU			
	Equivalent. or more than Intel Core i5			
	Main Board			
	Later than H61(H67) Chipset Main board (Intel, ASUS, GigaByte)			
	RAM			
	Vista - 2GB, Windows 7 - 2GB			
	VGA			
	Later than ATI X300 or H61 built-in VGA			

Technical Specification (HE series Board)

Board Model No		HE12004 (one board)	HE24008 (one board)	HE48016 (one board)	HE96032 (two board)
1	Camera Input	4 channel	8 channel	16 channel	32 channel
2	Audio In				
	No. supporting channels	4 channel	8 channel	16 channel	32 channel
	Audio Card	Integrated into DVR board			
3	Sensor Input		16 channel	16 channel	32 channel
4	Relay Out		4 channel	4 channel	8 channel
5	Composite Out	1 port (Spot 1, 4 View)	1 port: same as monitor or Spot 1, 4 View. 1 port : Spot 1, 4 View, optional.	1 port: same as monitor or Spot 1, 4 View. 1 port : Spot 1, 4 View, optional.	1 port: same as monitor or Spot 1, 4 View. 1 port : Spot 1, 4 View, optional.
6	Compression Codec	H.264 Hardware Codec			
7	Available channel No. for each resolution				
	NTSC				
	352 x 240	4 channel	8 channel	16 channel	32 channel
	704 x 240	4 channel	8 channel	16 channel	32 channel
	704 x 480	4 channel	8 channel	16 channel	32 channel
	PAL				
	352 x 288	4 channel	8 channel	16 channel	32 channel
	704 x 288	4 channel	8 channel	16 channel	32 channel
	704 x 576	4 channel	8 channel	16 channel	32 channel
8	Display Frame Rate				
	NTSC	Real Time	Real Time	Real Time	Real Time
	PAL	Real Time	Real Time	Real Time	Real Time
9	Frame Rate at Recording Mode				
	NTSC	Per each channel x 4 ch	Per each channel x 8 ch	Per ea. channel x 16 ch	Per ea.channel x 32 ch
	352 x 240	30 fps/ch	30 fps/ch	30 fps/ch	30 fps/ch
	704 x 240	30 fps/ch	30 fps/ch	15 fps/ch	15 fps/ch
	704 x 480	30 fps/ch (D1)	15 fps/ch	7.5 fps/ch (30 fps*4ch)	7.5 fps/ch
	PAL				
	352 x 288	25 fps/ch	25 fps/ch	25 fps/ch	25 fps/ch
	704 x 288	25 fps/ch	25 fps/ch	12.5 fps/ch	12.5 fps/ch
	704 x 576	25 fps/ch (D1)	12.5 fps/ch	6.25 fps/ch(25 fps*4ch)	6.25 fps/ch
10	File Size (KB/frame)				
	NTSC				
	352 x 240	0.5 - 4 KB/frame	0.5 - 4 KB/frame	0.5 - 4 KB/frame	0.5 - 4 KB/frame
	704 x 240	2 - 16 KB/frame	2 - 16 KB/frame	2 - 16 KB/frame	2 - 16 KB/frame
	704 x 480	2 - 16 KB/frame	2 - 16 KB/frame	2 - 16 KB/frame	2 - 16 KB/frame
	PAL				
	352 x 288	0.7 - 5 KB/frame	0.7 - 5 KB/frame	0.7 - 5 KB/frame	0.7 - 5 KB/frame
	704 x 288	2.5 - 20 KB/frame	2.5 - 20 KB/frame	2.5 - 20 KB/frame	2.5 - 20 KB/frame
	704 x 576	2.5 - 20 KB/frame	2.5 - 20 KB/frame	2.5 - 20 KB/frame	2.5 - 20 KB/frame
11	Image format	YUV			

Board Model No		HE12004 (one board)	HE24008 (one board)	HE48016 (one board)	HE96032 (two board)
12	Recording Mode				
	Mode	Watch, Normal, Motion Detection, Sensor, Event			
	Main DVR	Live			
	Network PC	Local image recording while watching remote views			
13	Searching				
	Main DVR	Local Searching (Image and audio)			
	Remote PC	Remote and Local Searching (Image)			
	Web (over Internet)	Remote Search			
14	Back-Up				
	Media	DAT, CD, DVD, Network Drive			
	Saving (moving image)	AVI (Special and STD)			
	Saving (static image)	BMP from search, backup viewer			
	Web (over Internet)	AVI Back up			
15	Remote Connections				
	Modem	PSTN, ISDN			
	TCP/IP	Cable Modem, DSL, Ethernet			
16	PTZ Interface	RS232/RS422/RS485			
	Supporting Protocol	More than 45 camera at present			
	Availability	Main DVR, Remote PC, Web Search over internet			
17	Other features				
	Motion Detection	Software motion Detection			
	Searching	Normal, Icon, Panorama Search + POS search (Text)			
	Image Security	WaterMark			
	Application software	POS, Access control, ATM, PDA etc			
	Notification	Event and Video Loss (Sound Alarm, Relay, E-mail, Phone, Preset)			
	Protect System	Hardware Watchdog			
	Backup Viewer	Viewer of Backup Data stored other place			
	Quick Viewer	Emergency Data Recovery			
	IP SERVER	Remote viewing by Dynamic IP user			
	DB Tool	Generating Index for removed HDD to use at other machine			
18	Compatible system				
	CPU	Equivalent. or more than Pentium Dual-Core E2180			Equivalent. or more than Core2Duo E5200
	Main Board	Later than P31(G31) Chipset Main board (Intel, ASUS, GigaByte)			
	RAM	XP - 1 GB, Vista - 2GB, Windows 7 - 2GB			
	VGA	Later than ATI X300 or G31 built-in VGA			

Technical Specification (D1 series Board)

Board Model No		MPG48016D1 (one board)	HE48016D1 (one board)
1	Camera Input	16 channel	
2	Audio In		
	No. supporting channel	16 channel	
	Audio Card	Integrated into DVR board	
3	Sensor Input	16 channel	
4	Relay Out	4 channel	
5	Composite Out	port (same multi view as on monitor	1 port: same as monitor or Spot 1, 4 View. port : Spot 1, 4 View, optional.
6	Compression Codec	MPEG4 Hardware Codec	H.264 Hardware Codec
7	Available channel No. for each resolution		
	NTSC		
	352 x 240	16 channel	
	704 x 240	16 channel	
	704 x 480	16 channel	
	PAL		
	352 x 288	16 channel	
	704 x 288	16 channel	
	704 x 576	16 channel	
8	Display Frame Rate		
	NTSC	Real Time	
	PAL	Real Time	
9	Frame Rate at Recording Mode		
	NTSC		
		Per each channel x 16 ch	
	352 x 240	30 fps/ch	
	704 x 240	30 fps/ch	
	704 x 480	30 fps/ch	
	PAL		
	352 x 288	25 fps/ch	
	704 x 288	25 fps/ch	
	704 x 576	25 fps/ch	
10	File Size (KB/frame)		
	NTSC		
	352 x 240	0.5 - 4 KB/frame	
	704 x 240	2 - 16 KB/frame	
	704 x 480	2 - 16 KB/frame	
	PAL		
	352 x 288	0.7 - 5 KB/frame	
	704 x 288	2.5 - 20 KB/frame	
	704 x 576	2.5 - 20 KB/frame	
11	Image format	YUV	
12	Recording Mode		
	Mode	Watch, Normal, Motion Detection, Sensor, Event	
	Main DVR	Live	
	Network PC	Local image recording while watching remote views	
13	Searching		
	Main DVR	Local Searching (Image and audio)	
	Remote PC	Remote and Local Searching (Image)	
	Web (over Internet)	Remote Search	

Board Model No		MPG48016D1 (one board)	HE48016D1 (one board)	
14	Back-Up			
	Media	DAT, CD, DVD, Network Drive		
	Saving (moving image)	AVI (Special and STD)		
	Saving (static image)	BMP from search, backup viewer		
	Web (over Internet)	AVI Back up		
15	Remote Connections			
	Modem	PSTN, ISDN		
	TCP/IP	Cable Modem, DSL, Ethernet		
16	PTZ Interface	RS232/RS422/RS485		
	Supporting Protocol	More than 45 camera at present		
	Availability	Main DVR, Remote PC, Web Search over internet		
17	Other features			
	Motion Detection	Software motion Detection		
	Searching	Normal, Icon , Panorama Search + POS search (Text)		
	Image Security	WaterMark		
	Application software	POS , Access control , ATM , PDA etc		
	Notification	Event and Video Loss (Sound Alarm, Relay, E-mail,Phone,Preset)		
	Protect System	Hardware Watchdog		
	Backup Viewer	Viewer of Backup Data stored other place		
	Quick Viewer	Emergency Data Recovery		
	IP SERVER	Remote viewing by Dynamic IP user		
	DB Tool	Generating Index in detached HDD to use at other machine		
	18	Compatible system		
		CPU	Equivalent. or more than Core2Duo E5200	
Main Board		Later than P31(G31) Chipset Main board (Intel, ASUS, GigaByte)		
RAM		XP - 1 GB, Vista - 2GB, Windows 7 - 2GB		
VGA		Later than ATI X300 or G31 built-in VGA		

Technical Specification (AMX series Board)

Board Model No		MPG12004AMX (one board)	MPG24008AMX (one board)	MPG48016AMX (one board)	MPG96032AMX (two board)
1	Camera Input	4 channel	8 channel	16 channel	32 channel
2	Audio In				
	No. supporting channels	4 channel	8 channel	16 channel	32 channel
	Audio Card	Integrated into DVR board			
3	Sensor Input	4 channel	16 channel	16 channel	32 channel
4	Relay Out	4 channel (+4 option)	4 channel (+4 option)	4 channel (+4 option)	8 channel (+4 option)
5	Composite Out	1 port (same as on monitor)	1 port (same as on monitor)	1 port (same as on monitor)	1 port or 2 port (divide the channel)
6	Compression Codec	MPEG4 Hardware Codec			
7	Available channel No. for each resolution				
	NTSC				
	352 x 240	4 channel	8 channel	16 channel	32 channel
	704 x 240	4 channel	8 channel	16 channel	32 channel
	704 x 480	4 channel	8 channel	16 channel	32 channel
	PAL				
	352 x 288	4 channel	8 channel	16 channel	32 channel
	704 x 288	4 channel	8 channel	16 channel	32 channel
	704 x 576	4 channel	8 channel	16 channel	32 channel
8	Display Frame Rate (Note 1)				
	NTSC	Real Time	Real Time	Real Time	Real Time
	PAL	Real Time	Real Time	Real Time	Real Time
9	Frame Rate at Recording Mode				
	NTSC	Per each channel x 4 ch	Per each channel x 8 ch	Per ea. channel x 16 ch	Per ea.channel x 32 ch
	352 x 240	30 fps/ch	30 fps/ch	30 fps/ch	30 fps/ch
	704 x 240	15 fps/ch	15 fps/ch	15 fps/ch	15 fps/ch
	704 x 480	7.5 fps/ch	7.5 fps/ch	7.5 fps/ch (30 fps*4ch)	7.5 fps/ch
	PAL				
	352 x 288	25 fps/ch	25 fps/ch	25 fps/ch	25 fps/ch
	704 x 288	12.5 fps/ch	12.5 fps/ch	12.5 fps/ch	12.5 fps/ch
	704 x 576	6.25 fps/ch	6.25 fps/ch	6.25 fps/ch(25 fps*4ch)	6.25 fps/ch
10	File Size (KB/frame)				
	NTSC				
	352 x 240	0.5 - 4 KB/frame	0.5 - 4 KB/frame	0.5 - 4 KB/frame	0.5 - 4 KB/frame
	704 x 240	2 - 16 KB/fame	2 - 16 KB/fame	2 - 16 KB/fame	2 - 16 KB/fame
	704 x 480	2 - 16 KB/fame	2 - 16 KB/fame	2 - 16 KB/fame	2 - 16 KB/fame
	PAL				
	352 x 288	0.7 - 5 KB/frame	0.7 - 5 KB/frame	0.7 - 5 KB/frame	0.7 - 5 KB/frame
	704 x 288	2.5 - 20 KB/fame	2.5 - 20 KB/fame	2.5 - 20 KB/fame	2.5 - 20 KB/fame
	704 x 576	2.5 - 20 KB/fame	2.5 - 20 KB/fame	2.5 - 20 KB/fame	2.5 - 20 KB/fame
11	Image format	YUV			
12	Recording Mode				
	Mode	Watch, Normal, Motion Detection, Sensor, Event			
	Main DVR	Live			
	Network PC	Local image recording while watching remote views			

Board Model No		MPG12004AMX (one board)	MPG24008AMX (one board)	MPG48016AMX (one board)	MPG96032AMX (two board)
13	Searching				
	Main DVR	Local Searching (Image and audio)			
	Remote PC	Remote and Local Searching (Image)			
	Web (over Internet)	Remote Search			
14	Back-Up				
	Media	DAT, CD, DVD, Network Drive			
	Saving (moving image)	AVI (Special and STD)			
	Saving (static image)	BMP from search, backup viewer			
	Web (over Internet)	AVI Back up			
15	Remote Connections				
	Modem	PSTN, ISDN			
	TCP/IP	Cable Modem, DSL, Ethernet			
16	PTZ Interface	RS232/RS422/RS485			
	Supporting Protocol	More than 45 camera at present			
	Availability	Main DVR, Remote PC, Web Search over internet			
17	Other features				
	Motion Detection	Software motion Detection			
	Searching	Normal, Icon , Panorama Search + POS search (Text)			
	Image Security	WaterMark			
	Application software	POS , Access control , ATM , PDA etc			
	Notification	Event and Video Loss (Sound Alarm, Relay, E-mail,Phone,Preset)			
	Protect System	Hardware Watchdog			
	Backup Viewer	Viewer of Backup Data stored other place			
	Quick Viewer	Emergency Data Recovery			
	IP SERVER	Remote viewing by Dynamic IP user			
	DB Tool	Generating Index for removed HDD to use at other machine			
18	Compatible system				
	CPU	Equivalent. or more than Pentium Dual-Core E2180			
	Main Board	Later than P31(G31) Chipset Main board (Intel, ASUS, GigaByte)			
	RAM	XP - 1 GB, Vista - 2GB, Windows 7 - 2GB			
	VGA	Later than ATI X300 or G31 built-in VGA			

Technical Specification (eLIVECAP series Board)

Board Model No		CAP48016eLIV (one board)	CAP96032eLIV (two board)
1	Camera Input	16 channel	32 channel
2	Audio In		
	No. supporting channel	16 channel	32 channel
	Audio Card	Integrated into DVR board	
3	Sensor Input	16 channel	32 channel
4	Relay Out	4 channel	8 channel
5	Composite Out	1 port (same as on monitor, Spot 1, 4 View) 1 port (Spot 1, 4 View, optional)	1 port (same as on monitor, Spot 1, 4 View) 1 port (Spot 1, 4 View, optional)
6	Compression Codec	MPEG4 Software Codec	
7	Available channel No. for each resolution		
	NTSC		
	352 x 240	16 ch.	32 ch.
	704 x 240	16 ch.	32 ch.
	704 x 480	16 ch.	32 ch.
	PAL		
	352 x 288	16 ch.	32 ch.
	704 x 288	16 ch.	32 ch.
	704 x 576	16 ch.	32 ch.
8	Display Frame Rate (Note 1)		
	NTSC	Real Time	Real Time
	PAL	Real Time	Real Time
9	Frame Rate at Recording Mode		
	NTSC	Per each channel x 16 ch	Per each ch. (32ch)
	352 x 240	30 fps/ch	30 fps/ch
	704 x 240	30 fps/ch	30 fps/ch
	704 x 480	30 fps/ch	30 fps/ch
	PAL		
	352 x 288	25 fps/ch	25 fps/ch
	704 x 288	25 fps/ch	25 fps/ch
	704 x 576	25 fps/ch	25 fps/ch
10	File Size (KB/frame)		
	NTSC		
	352 x 240	2.5 - 5 KB/frame	
	704 x 240	5 - 10 KB/frame	
	704 x 480	10 - 20 KB/frame	
	PAL		
	352 x 288	2.7 - 5.5 KB/frame	
	704 x 288	5.4 - 11.0 KB/frame	
	704 x 576	10.8 - 22 KB/frame	

11	Image format	YUV
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Board Model No		CAP48016eLIV (one board)	CAP96032eLIV (two board)
12	Recording Mode		
	Mode	Watch, Normal, Motion Detection, Sensor, Event	
	Main DVR	Live	
	Network PC	Local image recording while watching remote views	
13	Searching		
	Main DVR	Local Searching (Image and audio)	
	Remote PC	Remote and Local Searching (Image)	
	Web (over Internet)	Remote Search	
14	Back-Up		
	Media	DAT, CD, DVD, Network Drive	
	Saving (moving image)	AVI (Special and STD)	
	Saving (static image)	BMP from search, backup viewer	
	Web (over Internet)	AVI Back up	
15	Remote Connections		
	Modem	PSTN, ISDN	
	TCP/IP	Cable Modem, DSL, Ethernet	
16	PTZ Interface	RS232/RS422/RS485	
	Supporting Protocol	More than 45 camera at present	
	Availability	Main DVR, Remote PC, Web Search over internet	
17	Other features		
	Motion Detection	Software motion Detection	
	Searching	Normal, Icon , Panorama Search + POS search (Text)	
	Image Security	WaterMark	
	Application software	POS , Access control , ATM , PDA etc	
	Notification	Event and Video Loss (Sound Alarm, Relay, E-mail,Phone,Preset)	
	Protect System	Hardware Watchdog	
	Backup Viewer	Viewer of Backup Data stored other place	
	Quick Viewer	Emergency Data Recovery	
	IP SERVER	Remote viewing by Dynamic IP user	
	DB Tool	Generating Index for removed HDD to use at other machine	
18	Compatible system		
	CPU	equivalent. or more than Intel Core2Duo E675	Equivalent. or more than Intel i3
	Main Board	Later than P31(G31) Chipset Main board (Intel, ASUS, GigaByte)	
	RAM	XP - 1 GB, Vista - 2GB, Windows 7 - 2GB	
	VGA	Later than ATI X300 or G31 built-in VGA	

Technical Specification (NACAP series Board)

Board Model No		CAP120NA04 (one board)	CAP120NA08 (one board)	CAP120NA16 (one board)
1	Camera Input	4 channel	8 channel	16 channel
2	Audio In	As Default		
	No. supporting channel	2 channel (4 ch. as Optional)		
	Audio Card	Intergrated on Mainboard (On-board audio card)		
3	Sensor Input		16 channel	
4	Relay Out		4 channel	
5	Composite Out	1 channel (Switching, but selectable)		
6	Compression Codec	MPEG4 Software Codec		
7	Available channel No. for each resolution			
	NTSC			
	352 x 240	4 ch.	8 ch.	16 ch.
	704 x 240	4 ch.	8 ch.	16 ch.
	704 x 480	4 ch.	8 ch.	16 ch.
	PAL			
	352 x 288	4 ch.	8 ch.	16 ch.
	704 x 288	4 ch.	8 ch.	16 ch.
	704 x 576	4 ch.	8 ch.	16 ch.
8	Display Frame Rate (Note 1)			
	NTSC	30 fps/ch	15 fps/ch	7.5 fps/ch
	PAL	25 fps/ch	12.5 fps/ch	6.2 fps/ch
9	Frame Rate at Recording Mode			
	NTSC	Per each channel x 16 ch		
	352 x 240	30 fps/ch	15 fps/ch	7.5 fps/ch
	704 x 240	15 fps /ch	7.5 fps /ch	3.6 fps /ch
	704 x 480	7.5 fps/ch	3.6 fps/ch	1.8 fps/ch
	PAL			
	352 x 288	25 fps/ch	12.5 fps/ch	6.2 fps/ch
	704 x 288	12.5 fps/ch	6.0 fps/ch	3.0 fps/ch
	704 x 576	6.0 fps/ch	3.0 fps/ch	1.5 fps/ch
10	File Size (KB/frame)			
	NTSC			
	352 x 240	2.5 - 5 KB/frame		
	704 x 240	5 - 10 KB/fame		
	704 x 480	10 - 20 KB/fame		
	PAL			
	352 x 288	2.7 - 5.5 KB/frame		
	704 x 288	5.4 - 11.0 KB/fame		
	704 x 576	10.8 - 22 KB/fame		
11	Image format	YUV		
12	Recording Mode			
	Mode	Watch, Normal, Motion Detection, Sensor, Event		
	Main DVR	Live		
	Network PC	Local image recording while watching remote views		

Board Model No		CAP120NA04 (one board)	CAP120NA08 (one board)	CAP120NA16 (one board)
13	Searching			
	Main DVR	Local Searching (Image and audio)		
	Remote PC	Remote and Local Searching (Image)		
	Web (over Internet)	Remote Search		
14	Back-Up			
	Media	DAT, CD, DVD, Network Drive		
	Saving (moving image)	AVI (Special and STD)		
	Saving (static image)	BMP from search, backup viewer		
	Web (over Internet)	AVI Back up		
15	Remote Connections			
	Modem	PSTN, ISDN		
	TCP/IP	Cable Modem, DSL, Ethernet		
16	PTZ Interface	RS232/RS422/RS485		
	Supporting Protocol	More than 45 camera at present		
	Availability	Main DVR, Remote PC, Web Search over internet		
17	Other features			
	Motion Detection	Software motion Detection		
	Searching	Normal, Icon , Panorama Search + POS search (Text)		
	Image Security	WaterMark		
	Application software	POS , Access control , ATM , PDA etc		
	Notification	Event and Video Loss (Sound Alarm, Relay, E-mail,Phone,Preset)		
	Protect System	Hardware Watchdog		
	Backup Viewer	Viewer of Backup Data stored other place		
	Quick Viewer	Emergency Data Recovery		
	IP SERVER	Remote viewing by Dynamic IP user		
	DB Tool	Generating Index for removed HDD to use at other machine		
18	Compatible system			
	CPU	Equivalent. or more than Pentium Dual-Core E2180		
	Main Board	Later than P31(G31) Chipset Main board (Intel, ASUS, GigaByte)		
	RAM	XP - 1 GB, Vista - 2GB, Windows 7 - 2GB		
	VGA	Later than ATI X300 or G31 built-in VGA		

Current Compatible Hardware

DVR Board	Item		Maker Model
HD-SDI Series	Main Board	Chip Set	Intel P55, P57
			Intel P61, P67
		Manufacturer	Intel
			ASUS
	Memory		GiGaByte
	VGA	ATI	Vista - 2GB, Windows 7 - 2GB
		Built_in VGA Type	Eq.higher version than X300(32ch - 128bit)
	HDD		Intel H55/H57
		Intel H61/H67	
HE Series	Main Board	Chip Set	Intel P31, P35
			Intel P43, P45
		Manufacturer	Intel P55, P57, P61, P67
			Intel
	Memory		ASUS
	VGA	ATI	GiGaByte
		Built_in VGA Type	XP - 1GB, Vista - 2GB, Windows 7 - 2GB
	HDD		Eq.higher version than X300(32ch - 128bit)
		Intel G31/G33/G43/G45	
D1 Series	Main Board	Chip Set	Intel P31, P35, P43, P45
			Intel P55, P57, P61, P67
		Manufacturer	Intel
			ASUS
	Memory		GiGaByte
	VGA	ATI	XP - 1GB, Vista - 2GB, Windows 7 - 2GB
		Built_in VGA Type	Eq.higher version than X300
	HDD		Intel G31/G33/G43/G45/H55/H57/H61/H67
		Buffer 32MB or more recommended	
AMX Series	Main Board	Chip Set	Intel P31, P35
			Intel P43, P45
		Manufacturer	Intel P55, P57, P61, P67
			Intel
	Memory		ASUS
	VGA	ATI	GiGaByte
		Built_in VGA Type	XP - 1GB, Vista - 2GB, Windows 7 - 2GB
	HDD		Eq.higher version than X300(32ch - 128bit)
		Intel G31/G33/G43/G45	
eLIVCAP Series	Main Board	Chip Set	Intel P31, P35
			Intel P43, P45
		Manufacturer	Intel P55, P57, P61, P67
			Intel
	Memory		ASUS
	VGA	ATI	GiGaByte
		Built_in VGA Type	XP - 1GB, Vista - 2GB
	HDD		Eq.higher version than X300(32ch - 128bit)
		Intel G31/G33/G43/G45	
NACAP Series	Main Board	Chip Set	Intel P31, P35
			Intel P43, P45
		Manufacturer	Intel P55, P57, P61, P67
			Intel
	Memory		ASUS
	VGA	ATI	GiGaByte
		Built_in VGA Type	XP - 1GB, Vista - 2GB
	HDD		Eq.higher version than X300(32ch - 128bit)
		Intel G31/G33/G43/G45	