# **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 channe			16 channel	16 channel
	Audio Card			Integrated in	to 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 Hard	ware Codec	
	Available channel No. 1	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 Recordi	ng 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	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
	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	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
	1280 x 720				
	1920 x 1080				
12	Image format		YI	UV	
	Recording Mode				
	Mode	W	atch, Normal, Motion	Detection, Sensor, Ever	nt
	Main DVR		Li	ive	
	Network PC	Loc	al image recording wh	nile watching remote vi	ews
14	Searching				
	Main DVR	Local Searching (Image and audio)			
	Remote PC		Remote and Local	Searching (Image)	
	Web (over Internet)		Remote	e Search	
15	Back-Up				
	Media		DAT, CD, DVD	, Network Drive	
	Saving (moving image		AVI (Specia	al and STD)	
	Saving (static image)		BMP from search	h, backup viewer	
	Web (over Internet)		AVI B	Back up	
16	Remote Connections				
	Modem			, ISDN	
	TCP/IP			DSL, Ethernet	
17	PTZ Interface			422/RS485	
	Supporting Protocol			amera at present	
	Availability	M	ain DVR, Remote PC, \	Web Search over intern	et
18	Other features				
	Motion Detection			tion Detection	
	Searching	Norr		Search + POS search (T	ext)
	Image Security			erMark	
	Application software			rol , ATM , PDA etc	
	Notification	Event and		arm, Relay, E-mail,Phoi	ne,Preset)
	Protect System			Watchdog	
	Backup Viewer			a stored at other place	
	Quick Viewer		<u> </u>	Data Recovery	
	IP SERVER			by Dynamic IP user	
	DB Tool	Genera	ting Index for removed	d HDD to use at other r	nachine
19	Compatible system				
	CPU		<u> </u>	re than Intel Core i5	
	Main Board	Later than		ain board (Intel, ASUS,	GigaByte)
	RAM			/indows 7 - 2GB	
	VGA		Later than ATI X300	or H61 built-in VGA	

## **Technical Specification (HE series Board)**

	Board Model No	HE12004	HE24008	HE48016	HE96032
1 0		(one board)	(one board)	(one board)	(two board)
1 C	Camera Input	4 channel	8 channel	16 channel	32 channel
	Audio In				
N	No. supporting channe	4 channel	8 channel	16 channel	32 channel
	Audio Card		Integrated in		
3 S	Sensor Input		16 channel	16 channel	32 channel
-	Relay Out		4 channel	4 channel	8 channel
	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.	or Spot 1, 4 View.	or Spot 1, 4 View.
	Compression Codec		H.264 Hard	ware Codec	
	Available channel No. fo	or each resolution			
N	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
Р	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 D	Display Frame Rate				
	NTSC	Real Time	Real Time	Real Time	Real Time
	PAL	Real Time	Real Time	Real Time	Real Time
9 F	Frame Rate at Recordin	ng Mode			
N	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
Р	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 F	File Size (KB/frame)				
N	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
Р	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				

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	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	Loc	cal image recording wi	hile watching remote vi	ews	
13	Searching			-		
	Main DVR		Local Searching	(Image and audio)		
	Remote PC		Remote and Local	Searching (Image)		
	Web (over Internet)		Remote	e Search		
14	Back-Up					
	Media		DAT, CD, DVD	, Network Drive		
	Saving (moving image)		AVI (Specia	al and STD)		
	Saving (static image)		BMP from searc	h, backup viewer		
	Web (over Internet)		AVI B	ack up		
15	Remote Connections					
	Modem	PSTN, ISDN				
	TCP/IP		Cable Modem,	DSL, Ethernet		
16	PTZ Interface		RS232/RS	422/RS485		
	Supporting Protocol	More than 45 camera at present				
	Availability	Main DVR, Remote PC, Web Search over internet				
17	Other features					
	Motion Detection		Software mo	tion Detection		
	Searching	Nor	mal, Icon , Panorama :	Search + POS search (	Text)	
	Image Security		Wate	erMark		
	Application software		POS , Access cont	rol, ATM, PDA etc		
	Notification	Event and	d Video Loss (Sound Al	arm, Relay, E-mail,Pho	ne,Preset)	
	Protect System		Hardware	Watchdog		
	Backup Viewer		Viewer of Backup Da	ita stored other place		
	Quick Viewer		Emergency [	Data Recovery		
	IP SERVER		Remote viewing b	y Dynamic IP user		
	DB Tool	Genera	ating Index for remove	d HDD to use at other i	machine	
18	Compatible system					
	CPU	Equivalent. or	more than Pentium Du	ual-Core E2180	Equivalent. or more than Core2Duo E5200	
	Main Board	Later tha	an P31(G31) Chipset M	ain board (Intel, ASUS,	GigaByte)	
	RAM		· · · · ·	GB, Windows 7 - 2GB	<u> </u>	
	VGA			or G31 built-in VGA		

**Technical Specification (D1 series Board)** 

	Board Model No	MPG48016D1	HE48016D1		
1	Comora Innut	(one board) 16 chair	(one board)		
<u>1</u> 2	Camera Input	TO CITA	arriei		
2	Audio In	16 ch	annal		
	No. supporting channel  Audio Card				
າ		Integrated int			
3	Sensor Input	4 cha			
4	Relay Out	4 (118			
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 cha	annel		
	704 x 240	16 ch	annel		
	704 x 480	16 ch	annel		
	PAL				
	352 x 288	16 ch	annel		
	704 x 288	16 ch	annel		
	704 x 576	16 ch	annel		
8	Display Frame Rate				
	NTSC				
	PAL	Real	Гime		
9	Frame Rate at Recording	Mode			
	NTSC	Per each cha	nnel x 16 ch		
	352 x 240	30 fp	s/ch		
	704 x 240	30 fp	s/ch		
	704 x 480	30 fp	s/ch		
	PAL				
	352 x 288	25 fp	s/ch		
	704 x 288	25 fp	s/ch		
	704 x 576	25 fp			
10	File Size (KB/frame)				
	NTSC				
	352 x 240	0.5 - 4 K	B/frame		
	704 x 240	2 - 16 K	B/fame		
	704 x 480	2 - 16 K	B/fame		
	PAL				
	352 x 288	0.7 - 5 K	B/frame		
	704 x 288	2.5 - 20	KB/fame		
	704 x 576	2.5 - 20	KB/fame		
11	Image format	YU	V		
12	Recording Mode				
	Mode	Watch, Normal, Motion [	Detection, Sensor, Event		
	Main DVR	Liv			
	Network PC	Local image recording wh	ile watching remote views		
13	Searching				
	Main DVR	Local Searching (I	mage and audio)		
	Remote PC	Remote and Local S			
	Web (over Internet)	Remote			

	Board Model No	MPG48016D1 (one board)	HE48016D1 (one board)		
14	Back-Up	(one board)	(ene source)		
-	Media	DAT, CD, DVD,	Network Drive		
Saving (moving image)		AVI (Special			
	Saving (static image)	BMP from search,	backup viewer		
	Web (over Internet)	AVI Ba	ck up		
15			·		
	Modem	PSTN, ISDN			
	TCP/IP				
16	PTZ Interface	RS232/RS422/RS485			
Supporting Protocol More than 45 camera at present		nera at present			
	Availability	Main DVR, Remote PC, Web Search over interne			
17	Other features				
	Motion Detection	Detection Software motion Detection			
	Searching	Normal, Icon , Panorama Se	Normal, Icon , Panorama Search + POS search (Text)		
	Image Security	Water	Mark		
	Application software	POS , Access contro	ol , ATM , PDA etc		
	Notification	Event and Video Loss (Sound Alai	rm, Relay, E-mail,Phone,Preset)		
	Protect System	Hardware \	Watchdog		
	Backup Viewer	Viewer of Backup Data	a stored other place		
	Quick Viewer	Emergency Da	ata 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 th	nan Core2Duo E5200		
	Main Board	Later than P31(G31) Chipset Mai	n board (Intel, ASUS, GigaByte)		
	RAM	XP - 1 GB, Vista - 2GE	B, 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	MPG48016AMX	MPG96032AMX (two board)
1	O I I		(one board)	(one board)	
1	Camera Input	4 channel	8 channel	16 channel	32 channel
2	Audio In	4 ahannal	O ahannal	1/ shannal	22 ahannal
<u> </u>	No. supporting channe	4 channel	8 channel	16 channel	32 channel
_	Audio Card	4 - 1 1		to DVR board	20
3	Sensor Input	4 channel	16 channel	16 channel	32 channel
4	Relay Out			4 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 (devide the channel)
6	Compression Codec		MPEG4 Hard	dware Codec	
7	Available channel No. f	or 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 (No	ote 1)			
	NTSC	Real Time	Real Time	Real Time	Real Time
	PAL	Real Time	Real Time	Real Time	Real Time
9	Frame Rate at Recording	ng 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			
	704 x 240	2 - 16 KB/fame			
	704 x 480	2 - 16 KB/fame			
	PAL				
	352 x 288	0.7 - 5 KB/frame			
	704 x 288	2.5 - 20 KB/fame			
	704 x 576	2.5 - 20 KB/fame			
11				1) /	<del></del>
-	Image format		YL	JV	
	Image format Recording Mode		YL	JV	
		V		Detection, Sensor, Ever	nt
	Recording Mode	V	Watch, Normal, Motion		nt

	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		Remote Scaron			
	Media		DAT, CD, DVD,	, Network Drive		
	Saving (moving image)		AVI (Specia	al and STD)		
	Saving (static image)		BMP from search	n, backup viewer		
	Web (over Internet)		AVI B	ack up		
15	Remote Connections					
	Modem		PSTN	, ISDN		
	TCP/IP		Cable Modem,	DSL, Ethernet		
16	PTZ Interface		RS232/RS	422/RS485		
	Supporting Protocol		More than 45 ca	amera at present		
	Availability	Main DVR, Remote PC, Web Search over internet				
17	Other features					
	Motion Detection		Software mo	tion Detection		
	Searching	Nor	mal, Icon , Panorama S	Search + POS search (T	ext)	
	Image Security		Wate	rMark		
	Application software		POS , Access conti	rol , ATM , PDA etc		
	Notification	Event and	d Video Loss (Sound Ala	arm, Relay, E-mail,Phor	ie,Preset)	
	Protect System		Hardware	Watchdog		
	Backup Viewer		Viewer of Backup Da	ta stored other place		
	Quick Viewer		Emergency D	Oata Recovery		
	IP SERVER		Remote viewing b	y Dynamic IP user		
	DB Tool	Genera	iting Index for removed	d HDD to use at other m	nachine	
18	Compatible system					
	CPU	Eq	uivalent. or more than	Pentium Dual-Core E21	80	
	Main Board	Later tha	n P31(G31) Chipset Ma	ain board (Intel, ASUS,	GigaByte)	
	RAM		XP - 1 GB, Vista - 20	GB, Windows 7 - 2GB		
	VGA		Later than ATI X300	or G31 built-in VGA		

## **Technical Specification (eLIVECAP series Board)**

		CAP48016eLIV	CAP96032eLIV
	Board Model No	(one board)	(two board)
1	Camera Input	16 channel	32 channel
2	Audio In		
	No. supporting channel	16 channel	32 channel
	Audio Card	Integrated in	to 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 Soft	ware Codec
7	Available channel No. for	r 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.
0	704 x 576	16 ch.	32 ch.
8	Display Frame Rate (Not NTSC	Real Time	Real Time
	PAL	Real Time	Real Time
9	Frame Rate at Recording		Real Time
<u> </u>	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 K	B/frame
	704 x 240	5 - 10 K	(B/fame
	704 x 480	10 - 20 I	KB/fame
	PAL		
	352 x 288	2.7 - 5.5	
	704 x 288	5.4 - 11.0	
	704 x 576	10.8 - 22	KB/fame

11 Image format YUV

	Board Model No	CAP48016eLIV (one board)	CAP96032eLIV (two board)	
12	Recording Mode	(one bound)	(two bound)	
	Mode	Watch, Normal, Motion I	Detection, Sensor, Event	
	Main DVR	Live		
	Network PC		ille watching remote views	
13	Searching	Loodi illiago (oosi alliig illi	mo watering remote views	
	Main DVR	Local Searching (	Image and audio)	
	Remote PC	Remote and Local	,	
	Web (over Internet)	Remote		
14	Back-Up			
	Media	DAT, CD, DVD,	Network Drive	
	Saving (moving image)	AVI (Specia		
	Saving (static image)	BMP from search		
	Web (over Internet)	AVI Ba		
15	Remote Connections			
	Modem	PSTN,	ISDN	
	TCP/IP	Cable Modem, DSL, Ethernet		
16	PTZ Interface	RS232/RS4		
	Supporting Protocol	More than 45 ca	imera at present	
	Availability		Veb Search over internet	
17	Other features			
	Motion Detection	Software mot	ion Detection	
	Searching	Normal, Icon , Panorama S	Search + POS search (Text)	
	Image Security	Wate	rMark	
	Application software	POS , Access contr	rol , ATM , PDA etc	
	Notification	Event and Video Loss (Sound Ala	arm, Relay, E-mail,Phone,Preset)	
	Protect System	Hardware	Watchdog	
	Backup Viewer	Viewer of Backup Da	ta stored other place	
	Quick Viewer	Emergency D	ata Recovery	
	IP SERVER	Remote viewing b	y Dynamic IP user	
	DB Tool	Generating Index for removed	I HDD to use at other machine	
18	Compatible system	-		
	CPU	quivalent. or more than Intel Core2Duo E675	Equivalent. or more than Intel i3	
	Main Board	Later than P31(G31) Chipset Ma	in board (Intel, ASUS, GigaByte)	
	RAM	XP - 1 GB, Vista - 20		
	VGA	Later than ATI X300	or G31 built-in VGA	

## **Technical Specification (NACAP series Board)**

Board Model	
Camera Input	
Audio In	
No. supporting	
Audio Card	
Sensor Input	
Relay Out	
Composite Out	
Compression C	
Available chan	
NTSC NTSC	
352 x 2	
704 x 2	
704 x 4	
PAL	
352 x 2	
704 x 2	
704 x 5	
Display Frame	
NTSC	
PAL	
Frame Rate at	
NTSC NTSC	
352 x 2	
704 x 2	
704 x 4	
PAL	
352 x 2	
704 x 2	
704 x 5	
File Size (KB/f	
NTSC (KB/1	
352 x 2	
704 x 2	
704 x 4	
-	
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 1 Image format YUV 2 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	Lo	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)	В	MP from search, backup viewe	er			
	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 DVF	R, Remote PC, Web Search over	er internet			
17	Other features						
	Motion Detection		Software motion Detection				
	Searching	Normal, Ico	n , Panorama Search + POS s	earch (Text)			
	Image Security		WaterMark				
	Application software	PO	S , Access control , ATM , PDA	etc			
	Notification	Event and Video	Loss (Sound Alarm, Relay, E-n	nail,Phone,Preset)			
	Protect System		Hardware Watchdog				
	Backup Viewer	Viewe	er of Backup Data stored other	place			
	Quick Viewer		Emergency Data Recovery				
	IP SERVER	Re	mote viewing by Dynamic IP u	ser			
	DB Tool	Generating Inc	dex 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(0	G31) Chipset Main board (Intel	, ASUS, GigaByte)			
	RAM	XP -	1 GB, Vista - 2GB, Windows 7	- 2GB			
	VGA	Later	than ATI X300 or G31 built-ir	ı VGA			

**Current Compatible Hardware** 

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