



## HV2011

Digital video recorder



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### Digital video recorder

## Features

- High Speed CPU 400MB, Memory Space 512MB, Flash 16MB with Excellent GUI Display
- H.264 Main Profile Video Compression, enhances 2.2 times of image quality and reduces 40% HDD occupation space.
- Dual Encoding Streams Support, D1 / 2CIF / CIF / QCIF Resolution Programmable
- Linux Operation System with D1 High Resolution Programmable: HV2011-4A 4CH 25/30FPS @ D1; HV2011-8A 2CH
- 25/30FPS @ D1, 6CH 25/30FPS @ CIF; HV2011-16A 16CH 25/30FPS @ CIF.
- Support Genuine HD VGA Output and BNC Output at the same time
- Support 2 X SATA 2.6 2TB HDD, Strong Storage Capacity for 4 Months Recording
- Digital Watermark for Video Data Protection
- Friendly Design for New User, No More than 5 Seconds Express Setup
- Support Audio Talk Back through Internet. More Convenience Communication with Surveillance Control Center
- Support Motion Detection and Privacy Mask
- Support Smart Phone Remotely View by Windows Mobile, Symbian S60 3rd/5th, Iphone, Blackberry OS5.0, Android
- REMOTE OPERATION: Remote View, Remote Playback, Remote Setup
- 4/8/16 Channel Playback at the same time
- Flexible Search Mode with Time, Even, Channels and calendar
- Fast Backup with .avi and .264 Video Format Optional by USB Disk, Removable DVD-RW
- Multi-DVR Powerful CMS Control / IE Explorer / Firefox Explorer / Google Chrome Explorer / MAC Safari Explorer
- Build-in IE Auto Active, Certificated by Microsoft, More Safety for PC.
- Powerful Network Software: Built-in Web Server, Multi-DVR Client Software & SMS Networking Access for Equipment
- Search Remote Live Viewing, Recording, Playback, Setting, System Statu, Event Log, Email & FTP Function
- Support LAN, WAN, Support 3G Dail Up / WIFI Module by USB 2.0 Port Optional (For HV2011-16A)
- Support DHCP / PPPoE / FTP / DNS / DDNS / NTP / Email alarm / IP right management / IP search / network alarm center functions, support WEB client, standalone client and SDK
- Multiple control methods: Front Panel, IR Remote Controller, USB Mouse, RS 485 Keyboard
- Alarm triggering screen tips, buzzer, PTZ Preset, Email, Snapshot & FTP Upload
- Smart HDDs Management: non-working HDD hibernationg, HDD faulty alarm, Raid function
- Build-in Digital Operation Guidance
- Smart Equipment Shut Down by Software, Front Panel. Good protection for Equipment.
- Recording Parameter Programmable by Clients
- Support Preview and Playback Digital Zoom in
- Support 26 Kinds of Language: SimChinese, TradChinese, English, Farsi, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Poland, Portugal, Russian, Spanish, Thai, Turkey, Vietnamese, Romanian, Brazilian, Korean, Indonesian, Swedish, Arabic, Bulgarian, Czech
- Free customization according to your needs.



HV2011-4A



HV2011-8A



HV2011-16A








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## Specifications




Model NO.	HV2011-4A	HV2011-8A	HV2011-16A
<b>SYSTEM</b>			
OPERATION SYSTEM	LINUX	LINUX	LINUX
Main Feature		CPU High Speed 400MB	
Memory Space		512MB	
Flash Memory		16MB	
<b>VIDEO</b>			
VIDEO SYSTEM	NTSC/PAL Switch Selectable	NTSC/PAL Switch Selectable	NTSC/PAL Switch Selectable
INPUT	BNC*4, 1.0Vp-p, 75ohm	BNC*8, 1.0Vp-p, 75ohm	BNC*16, 1.0Vp-p, 75ohm
CVBS	1CH, BNC	1CH, BNC	1CH, BNC
SPOT	NO	NO	NO
LOOP OUT	NO	NO	NO
VGA OUTPUT	STANDARD VGA*1: 1024 x 768	STANDARD VGA*1: 1024 x 768	STANDARD VGA*1: 1280 x 1024
AUDIO			
INPUT	1CH, RCA (could be expanded to 4 CH)	1CH, RCA (could be expanded to 4 CH)	1CH, RCA
OUTPUT	1CH, RCA	1CH, RCA	1CH, RCA
TALK BACK	YES	YES	YES
<b>CONTROL</b>			
MOUSE	2*USB2.0	2*USB2.0	2*USB2.0
IR CONTROLLER	YES	YES	YES
<b>STORAGE</b>			
BUILD IN INTERFACE	SATA 2.6 *2 (2*HDD 2TB)	SATA 2.6 *2 (2*HDD 2TB)	SATA 2.6 *2 (2*HDD 2TB)
<b>DISPLAY</b>			
DIVISION	1, 4	1, 4, 9	1, 4, 9, 16
ZOOM	Preview and Playback Zoom Support	Preview and Playback Zoom Support	Preview and Playback Zoom Support
<b>RECORDING</b>			
COMPRESSION	H.264 Main Profile	H.264 Main Profile	H.264 Main Profile
RECORDING MODE	Always/manual/Schedule/ Motion Detection	Always/manual/Schedule/ Motion Detection	Always/manual/Schedule/ Motion Detection
RESOLUTION	NTSC:720*480,720*240,352*240 PAL:720*576,720*288,352*288	NTSC:720*480,720*240,352*240 PAL:720*576,720*288,352*288	NTSC:720*480,720*240,352*240 PAL:720*576,720*288,352*288
RECORD FRAME RATE	NTSC:120FPS@D1, 240FPS@HD1, 480FPS@CIF PAL:100FPS@D1, 200FPS@HD1, 400FPS@CIF (4CH D1)	NTSC:120FPS@D1, 240FPS@HD1, 480FPS@CIF PAL:100FPS@D1, 200FPS@HD1, 400FPS@CIF (2CH D1 +6 CH CIF)	NTSC:120FPS@D1, 240FPS@HD1, 480FPS@CIF PAL:100FPS@D1, 200FPS@HD1, 400FPS@CIF (16CH CIF)
QUALITY	Best, Good, Normal	Best, Good, Normal	Best, Good, Normal
MOTION DETECTION	Sensitivity: Multi Level, 22*18Grid	Sensitivity: Multi Level, 22*18Grid	Sensitivity: Multi Level, 22*18Grid
WATER MARK	YES	YES	YES



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Model NO.	HV2011-4A	HV2011-8A	HV2011-16A
<b>PLAYBACK</b>			
PLAYBACK FRAME RATE(PAL)	120[100]FPS@CIF	240[200]FPS@CIF	480[400]FPS@CIF
MULTI CHANNEL PLAYBACK	1/4	1/4/8	1/4/9/16
SPEED	Normal,REW&FF[1/16,1/8,1/4,1/2,2*,4*,8*16]	Normal,REW&FF[1/16,1/8,1/4,1/2,2*,4*,8*16]	Normal,REW&FF[1/16,1/8,1/4,1/2,2*,4*,8*16]
SEARCH METHOD	Time, Even, Channels and Calendar	Time, Even, Channels and Calendar	Time, Even, Channels and Calendar
<b>COMMUNICATION</b>			
REMOTE SOFTWARE	Remote Client, IE Browser, Mobile, CMS, Firefox, Google Chrome, Mac Safari	Remote Client, IE Browser, Mobile, CMS, Firefox, Google Chrome, Mac Safari	Remote Client, IE Browser, Mobile, CMS, Firefox, Google Chrome, Mac Safari
REMOTE OPERATION	Remote view, remote playback, remote setup	Remote view, remote playback, remote setup	Remote view, remote playback, remote setup
NETWORK SERVICE	TCP/IP, UDP, HTTP, DDNS, SMTP[SSL], LAN, DHCP, PPPoE	TCP/IP, UDP, HTTP, DDNS, SMTP[SSL], LAN, DHCP, PPPoE	TCP/IP, UDP, HTTP, DDNS, SMTP[SSL], LAN, DHCP, PPPoE
GUI INTERFACE	Supported GUI 16 Bit True Color	Supported GUI 16 Bit True Color	Supported GUI 16 Bit True Color
PTZ PROTOCOL	1*RS485, Support 18 Kinds of Protocol	1*RS485, Support 18 Kinds of Protocol	1*RS485, Support 18 Kinds of Protocol
WAN RJ45	10/100 Mbit/s	10/100 Mbit/s	10/100/1000 Mbit/s
Mobile DEVICE	Win Mobile, Symbian S60 3rd/5th, Iphone, IPAD, Blackberry OS5.0, Android	Win Mobile, Symbian S60 3rd/5th, Iphone, IPAD, Blackberry OS5.0, Android	Win Mobile, Symbian S60 3rd/5th, Iphone, IPAD, Blackberry OS5.0, Android
3G External Module	NO	NO	YES, with USB 2.0 Port, WCDMA Signal
WIFI External Module	NO	NO	Yes, with USB 2.0 Port, 100Meter
<b>BACKUP</b>			
INTERNAL	Not supported	Not supported	Not supported
EXTERNAL	2*USB2.0, Removable DVD-RW, USB Disk up to 32G	2*USB2.0, Removable DVD-RW, USB Disk up to 32G	2*USB2.0, Removable DVD-RW, USB Disk up to 32G
NETWORK	YES	YES	YES
FILE	H.264 Compression / AVI	H.264 Compression / AVI	H.264 Compression / AVI
<b>GENERAL</b>			
ALARM IN/OUT	1CH (could be expanded to 4 CH)	1CH (could be expanded to 4 CH)	1CH (could be expanded to 4 CH)
RS-485	1	1	1
UNIT DIMENSION (mm)	W338xD228xH60mm	W338xD228xH60mm	W338xD228xH60mm
OPERATION TEMPERATURE	10°~40°	10°~40°	10°~40°
WORKING HUMIDITY	10% ~ 90%	10% ~ 90%	10% ~ 90%
POWER CONSUMPTION	DC 12V,5A,10~15W [Exclude HDD]	DC 12V,5A,10~15W [Exclude HDD]	DC 12V,5A,10~15W [Exclude HDD]