



PC-Based Hybrid Digital Video Recorder

Features:

- Powerful, expandable, and easy to use DVR - Built on up-to-date PC hardware and high performance Video Capture card, together with full feature Windows-based DVR software.
- Unique Hybrid design combining Analog CCTV cameras and IP network cameras into the same DVR allows integrated video monitoring.
- Special MPEG4+ Compression method makes file size smaller, so is more recording Time.
- Multiplexing functions: Live viewing, Record, Playback, Remote access, and Backup simultaneously
- Network Protocol supports TCP/IP, IPX, UDP, ISDN, PPPoE, PSTN, etc. Internet connection supports Static IP, DHCP, and DDNS.
- Remote access using provided Client software or Web browser provides remote user full access of Live viewing, Recording, Search, Backup, System Setup, and 2-way audio communication.
- Support Multi-Server to Multi-Client access, which allows multiple users remote access to DVR system at the same time; and for Client program, it can also monitor multiple Servers simultaneously.
- Individual camera programmable for various recording type, speed, and scheduling. Both Pre and post alarm recording are also available.
- Easy and powerful Search includes calendar-timeline assisted Time search, Event, and Smart Search.
- Video Playback speed adjustable in fast or slow mode, also support frame-by-frame playback, Panorama view, and digital zoom function.
- Backup Video can be in AVI or proprietary format; also include Watermark function. Backup media can be DVD±RW or USB Flash Drive.
- Support video activated Motion Detection function, motion zones and sensitivity adjustable by each camera
- Powerful Event handling allows event capture video to be sent out through email or FTP, or voice message sent out through modem. Specific cameras can be set up to response the event with faster recording rate or better recording quality.
- PTZ camera can be controlled Locally and Remotely. System supports most of name brand Protocols.
- Multi-level and multi-person password control with selectable access privilege setup including Remote Access
- System auto rebooting with Watchdog function



Models:

4 Channels –

Model No.		DV-04P30	DV-04P12
Frame Speed	Display	30 fps	120 fps
	Record	30 fps	120 fps
Chassis		Tower	

8 Channels –

Model No.		DV-08P60	DV-08P12	DV-08P24
Frame Speed	Display	60 fps	120 fps	240 fps
	Record	60 fps	120 fps	240 fps
Chassis		Tower		

16 Channels –

Model No.		DV-16P12	DV-16P2424	DV-16P648	DV-16P1248	DV-16P24	DV-16P48
Frame Speed	Display	120 fps	240 fps	480 fps	480 fps	480 fps	480 fps
	Record	120 fps	240 fps	60 fps	120 fps	240 fps	480 fps
Chassis		Tower			Rack Mount		

32 Channels –

Model No.		DV-32P24	DV-32P48	DV-32P9624	DV-32P9648
Frame Speed	Display	240 fps	480 fps	960 fps	960 fps
	Record	240 fps	480 fps	240 fps	480 fps
Chassis		Rack Mount			

System Configuration*:

Standard – Intel Pentium Dual-Core 2.6 CPU or up, 1GB DDR2 Memory, 160GB Hard Drive, DVD±RW, Keyboard, Mouse, and Windows XP Home Operating System

Optional – More Hard Drives, High Speed Modem, TV Video-out, Digital I/O, Audio, Windows XP Pro, or Customize Logo/Brand

* Configuration for 32Ch and real time recording models may use faster CPU and more memory as needed.

Specifications:

Resolution	720x480, 720x240, and 320x240 Selectable
Compression	MPEG, MPEG-4, and MPEG-4+ Selectable
Video Inputs	NTSC/PAL, Composite, w/ BNC Connectors
IP Camera	Use one of video input BNC connectors, only Axis and Vivotek brands camera are supported.
Video Output	1 x PC: Computer Display (PC XGA Display) 1 x TV: NTSC/PAL A/V Monitor
Multiplex Feature	Live Monitoring, Recording, Playback, Back up, Remote Transmit Simultaneously
Split Screens	Full screen, 1 / 4 / 6 / 7 / 9 / 10 / 13 / 16 / 32 Split Screens**
Recording Type	Continuous, Schedule, Motion, and Sensor
Recording Speed	Adjustable by each channel
Pre/Post Alarm Record	Yes
Auto Switching	1Ch. with adjustable time interval
Motion Detection	Up to 10 Rectangular Detection Zones each channel with adjustable sensitivity
Search / Playback	Time Search- Random access through Graphic Calendar-assisted search tool (Time/Date/Month), Event Search, and Smart Search
Playback Feature	Play, Forward / Backward, Speed adjustable x1/8, x1/4, x1/2, x2, x4, x8, Frame-by-Frame play, Panorama view, Digital Zoom, Print, and Video Backup
Pan/Tilt/Zoom Control	Yes, Server & Remote site
Password Control	Multi-level, Multi-user with selectable access privilege setup
Sensor Input / Output	Optional
Event Handling	Increase Recording Rate or Picture quality, Auto-email or FTP video clip, Emergency Call
Backup	Manual and Schedule Backup in proprietary or AVI format Storage media: USB Flash Drive and DVD±RW
Remote Access	Remote Access via PSTN, LAN, xDSL, TCP/IP (Modem/Ethernet) Provide both Web browser and Client software remote access Support: Remote User Access Control, Multi-user Access, and Remote Configuration Multi-server Access capable on Client software
Audio	One Channel (Optional)
Display Adjustment	Brightness/ Contrast/ Saturation/ Hue
Data Storage Structure	Proprietary Data Base Structure
Self Restoration	Auto Rebooting with Watchdog function
O/S	Windows XP Home (Optional Windows XP Professional)

** Based on selected model, some split-screen options are not applicable.

Design and specifications are subject to change without prior notice.