



DVRserver is an all-in-one and plug to use DVRserver Package.

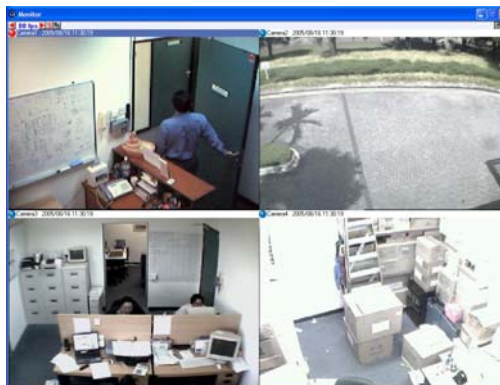
It is a high performance multi tasking digital video recorder which combines the best embedded Linux, MPEG-4 and network technologies.

DVRserver based on market leading embedded Linux and S/W MPEG-4 technology provides reliable surveillance with real time display at 30 FPS for each camera.

It can support up to 16 camera inputs and provide high quality monitoring & recording, friendly alarm mechanism and fully remote access capabilities.

This whole package, including a DOM (Disk on Module) module which embeds Linux-based DVR kernel, a high performance video capture card, and optional Din/Dout card or chassis, offers the best performance and stability for your surveillance applications.

Without much hassle, just by inserting the DOM module into the IDE slot and the video capture card and Din/Dout card into the PCI slot of your PC, it will be able to function as a full-feature DVR system.



Benefits


- Remote Accessibility - Users can now see surveillance images from any computers' web browsers or remote viewers.
- Unlimited Storage- Users can store and record as many images up to what the hard disk capacity could support
- Superior Video Quality- Video captured are supported by advanced MPEG-4 and M-JPEG dual codec technology where superior video quality are produced
- Secure Management- Password protected account login to prevent unauthorized access to the surveillance system.
- Hardware integration Support- Support external input/output such as alarms or sensors for greater security
- Variety of export files supported- Images information recorded could be send out in different formats such as sound ,email, message and fax to right person

Features

- Embeds Linux DVR on DOM and MPEG-4 technologies
- Real time monitoring for each camera
- H/W MPEG-4 codec for real time local recording and playback (WE-1X04R)
- Separated MPEG-4 encoder for fast transmission over IP network
- Built-in H/W watchdog, auto reset system when abnormal
- Auto detects abnormal hard disk drive and trigger alarm when abnormal
- CE, FCC, BSMI certifications
- Compatible with most motherboards



Specification

Model	DVR server			
Hardware	Intel Celeron 2.4G 533Mhz,256MB DDR RAM, Maxtor 80G 7200RPM,MSI Intel GM3 main board onboard SND/LAN/VGA Casing with PSU IDE Hard Disk Drawer			
Video Capture Card	1	2	3	4
DOM	Embeds Linux DVR System			
Video Input	4(BNC)	8(BNC)	12(BNC)	16(BNC)
Audio Input	1	1	1	1
Compression	MPEG-4 S/W codec			
Resolution	NTSC:640X480, 320X240, PAL:704X576, 352X288			
Display Speed NTSC	120FPS	240FPS	360FPS	480FPS
PAL	100FPS	200FPS	300FPS	400FPS
Display Mode	1-,4-,8-(8-CH model only), 9-(12,16-CH model only) 16-CH(16-CH model only) division, auto switching, full screen			
Display Quality	Hue, saturation, brightness, contrast are adjustable for different channel			
Display Information	Camera Name, alarm status, recording status, HD status, date/time			
Recording Speed NTSC (Max)	120FPS	240FPS	240FPS	240FPS
PAL (Max)	100FPS	200FPS	200FPS	200FPS
Recording Mode	Continuous, scheduled, motion detection, digital input triggered, cyclic overwrite and pre-recording support)			
Recording Quality	Low, middle, high, excellent			
Search Video Archive	Data/time, Camera no, Alarm, Tag, File			
Playback Speed	1X,2X,4X,6X,8X,10X,12X,14X,16X,18X,1/10 frame by frame setup			
Playback Mode	320X240, 640X480, multiple playback(option)			
Playback Quality	Sharpen, Blur			
Playback Information	Camera name, date/time, frame no			
Export Video Clip, File and snapshot	Floppy, NAS, USB storage, DVR-RW, CD-RW, Windows HD, printer(image only)			
Motion Detection	1-6 detection zones per CH, 5 level sensitivity controls, 10 different controls			
Sensor I/O (option)	4DI/400	8DI/800	12DI/1200	16DI/1600
Alarm Type	Motion detection, digital input, no signal on camera, HD full or crash, recording			
Alarm Notification	Flash image frame, warning message window, Hornring alarm, recording, fax, voice phone call, email, digital relay output			
Self Diagnostics	System abnormal conditions(built in H/W watch dog will reset DVR system), HD abnormal conditions(auto recover HD)			
Backup	Video files can backup to NAS, Windows HD(option) System configuration file can backup to floppy, USB storage,DVR-RW,CD- RW, Windows HD			
System Log	Alarm Log, access log			
Access Control	Admin and normal user, normal user can restrict user rights including access camera, playback video archive, Control PTZ,change password(remote only) and setup(remote only)			
Networking	Internet,intranet,LAN(Fix IP,PPPoE/DNS)			
Remote Control	Complete remote-site monitoring, playback, and setup functions through windows IE browser			
Multi tasking	Simultaneous monitoring,recording,playback and multiple users can operate remotely at the same time			
PTZ	Pelco-D, Pelco-P,Lilin, VIDO, SAE,,Dynacolor,Kalate, Nicecam,Panasonic			
Others(option)	NTP, IR remote control, customized functions			