

# VPON Network DVR System

Your best choice for digital video recording and remote surveillance



## VP-9000 Series

Mission critical DVR system

MPEG4 Hardware CODEC

### Product Introduction

- Full D1 (720x480) Hardware MPEG4 Encoding
- Full D1 30fps live surveillance for each camera
- Real-time Audio & Video Recording, up to 16 cameras in one system.
- Built-in 5 bay IDE-RAID and Redundant Power Supply
- Built-in web server and Firewall
- TCP/IP, PPPoE, DHCP, NTP, HTTP, FTP, UPNP, Multicast support
- NAS and USB external storage support
- IDE or USB interface HDD, CD-RW and DVD+RW backup support
- Simultaneous Record/Playback/Backup/Browse capabilities

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## Features

### ■ Video&Audio

- Embedded digital video recorder & remote video server
- Simple and smart operation with IR remote control
- Friendly Graphic User Interface
- 1 / 4 / 6 / 7 / 8 / 9 / 10 / 13 / 16 split-screen display
- Text overlay on video support
- Control well-known brands PTZ Cameras
- Local video display to VGA or TV monitor

### ■ Alarm function

- System audio alarm warns when alarm is triggered
- System automatically displays corresponding enlarged image when alarm is triggered
- Snapshot images through E-mail or FTP server when alarm is triggered
- Voice call alert notification

### ■ Recording and Back-up

- Thumbnail browsing support
- SCSI/USB/IDE RAID and NAS storage system support
- Built-in 5 bay IDE-RAID and Redundant Power Supply
- Motion detection / Alarm trigger / Cyclic / Schedule and Pre-alarm recording

### ■ Network

- Browser-based, no remote viewing software needed.
- 2-way audio transmission
- Dynamic IP support
- Access prohibition for pre-defined hosts through IP network

### ■ Customization

- Provides URL syntax for WebPage customization
- Use FTP Server upload for WebPage update

## Product Specifications

Model	VP-9108	VP-9112	VP-9116
<b>Video Input</b>	Support NTSC/PAL composite video		
	8	12	16
<b>Audio Input</b>	8	12	16
<b>Sensor Input/ Relay Output*</b>	8 (Optional)	12 (Optional)	16 (Optional)
<b>VGA Output</b>	24 bit true color		
<b>IR Remote Control</b>	Built-in IR receiver		
<b>HDD Mobile Rack</b>	5		
<b>CD-RW/ DVD+RW</b>	Optional		
<b>Compression Standard</b>	MPEG4 Hardware CODEC		
<b>Image Resolution</b>	24bits 360x240(Default) , 720x480		
<b>Maximum Live Display Frame Rate</b>	240fps (NTSC) 200fps(PAL)	360fps (NTSC) 300fps(PAL)	480fps (NTSC) 400fps(PAL)
<b>Maximum Video Recording Frame Rate(CIF)</b>	240fps (NTSC) 200fps(PAL)	360fps (NTSC) 300fps(PAL)	480fps (NTSC) 400fps(PAL)
<b>Maximum Video Recording Frame Rate(Full D)</b>	60fps (NTSC) 50fps(PAL)	90fps (NTSC) 75fps(PAL)	120fps (NTSC) 100fps(PAL)
<b>Browser Compatibility</b>	Win 98/ME/2000/XP running MS IE 6.0 or later		
<b>Communication Protocol</b>	Support TCP/IP , PPPoE , DHCP , NTP , HTTP , FTP , UPNP , Multicast		
<b>Backup Function</b>	IDE or USB Interface HDD, CD-RW, DVD+RW		
<b>Language</b>	English, Traditional Chinese		
<b>Redundant Power Supply</b>	VOLTAGE: 90 ~ 264 VAC FULL RANGE FREQUENCY: 47 ~ 63 Hz		
<b>Size</b>	51.2cm(L) x 43.5cm(W) x 17.5cm(H)		

\*4or 8 Dry contact input and 4 or 8 relay output (200mA, AC24V)-optional

## Redundent Solution



### 5 bay Internal IDE-RAID

- 2 Power Modules, True Redundant design
- Hot swappable
- Hot pluggable
- Balanced load sharing design

### Redundant Power Supply

- RAID level, 5
- Automatically and transparently rebuilds hot spare drives
- Hot swap new drives without taking the system down

