

# VPON Network DVR System

Your best choice for digital video recording and remote surveillance

VP-408/412/416



## Product Introduction

- Embedded digital video recorder & remote video server
- Simple and smart operation with IR remote control.
- Control well known brand PTZ Cameras.
- Water mark to prevent fraud image modification
- Adjustable recording frame rates and resolution for each camera
- Browser-based, no remote viewing software needed.
- Access prohibition for pre-defined hosts through IP network
- Snapshot images through E-mail or FTP server when alarm was triggered.
- SCSI/USB/IDE RAID and NAS storage system support
- Support POS integration

# VPON Network DVR System

## Features

### Video & audio live surveillance

- VPON Network DVR Firmware in a DOM (Disk On Module)
- Simple and smart operation with IR remote control.
- Up to 30 fps on each camera for local monitoring.
- Adjustable recording quality and recording frame rate for each camera.
- Two-way audio transmission.
- 1 / 4 / 6 / 7 / 8 / 9 / 10 / 13 / 16 split-screen display.
- Control well known brand PTZ Cameras.
- Different PTZ devices can work on same serial bus.
- System log and Operation log support.
- Record / display / playback simultaneously.
- Local playback of recorded video on VGA or TV monitor.
- Remote live monitoring and playback from PC browser.
- High video quality and low data rate.
- Multiple video compression engines: MPEG4, H.263, JPEG, M-JPEG

### Recording & Playback

- Water mark to prevent fraud image modification
- Adjustable recording rates and resolution for each camera
- Motion detection / Alarm trigger / Cyclic / Schedule / Weight recording
- Pre-motion or pre-alarm and post-motion or post-alarm recording
- Adjustable recording frame rates when motion or alarm was triggered
- Brightness and color adjustment during playback
- Digital Zoom-in during playback
- Thumbnail browsing support
- Bookmark function support
- Searching by time, day, motion, events or alarm log.
- SCSI/USB/IDE RAID and NAS storage system support

### 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.
- Embedded GPI/O for alarm control.

### Network

- Browser-based, no remote viewing software needed.
- Access prohibition for pre-defined hosts through IP network
- Dynamic IP support for Internet access
- Direct Dial-up available and Low-bandwidth support

### Customization

- Supports HTML file upload for home page customization
- Supports FTP Server upload for customization
- Support backup configuration file
- Support POS /ATM integration

## Product Specifications

Model	VP-408	VP-412	VP-416
<b>Video Input (connectors)</b>	Support NTSC/PAL composite video, BNC video input		
	8	12	16
<b>Audio Input</b>	One channel		
<b>TV-Out(Optional)</b>	24 bit true color		
<b>VGA Output</b>	24 bit true color		
<b>IR Remote Control</b>	Built-in IR receiver		
<b>HDD Mobile Rack</b>	2 (more optional)		
<b>CD-RW</b>	1		
<b>Sensor Input Relay Output</b>	8 / 8 ( 12 / 12 and 16 / 16 optional)		
<b>Compression Standard</b>	Support MPEG4, H.263, M-JPEG, JPEG standards		
<b>Image Size</b>	320x240, 640x480		
<b>Total Record/ Playback Frame Rate</b>	120 fps		
<b>Maximum Live Display Frame Rate</b>	240fps (NTSC) 200fps (PAL)	360fps(NTSC) 300 fps (PAL)	480fps (NTSC) 400fps (PAL)
<b>System Configuration</b>	P4-3.0G CPU · 512 MB DRAM · 2S1P · 4 USB · 10/100Mb LAN, RS-232 COM port, RS-485 COM port		
<b>Browser Compatibility</b>	Win 98/ME/2000/XP running MS IE 6.0 or above		
<b>Communication Protocol</b>	Support TCP/IP, DHCP, HTTP, FTP		
<b>Power Supply</b>	100-240 VAC, 50-60 HZ		
<b>Size, Weight</b>	51.2cm(L)*43.5cm(W)*17.5cm(H)20Kg		

## System Configuration

