

# VPON Network DVR On Chip

Your best choice for digital video recording and remote surveillance

VP- 102

**PCI-Express**



## Product Introduction

- VPON Network DVR Firmware in a DOM (Disk On Module)
- 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

# VPON Network DVR On Chip

## 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.
- 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.
- 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 is 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.
- Voice call alert notification.
- Optional 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

### Easy to use

- Plug and recording, non-Windows embedded Linux system
- Easy configuration via local keyboard, IR Control, Home Page or Mouse
- Standard web browser as the client application

### Customization

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

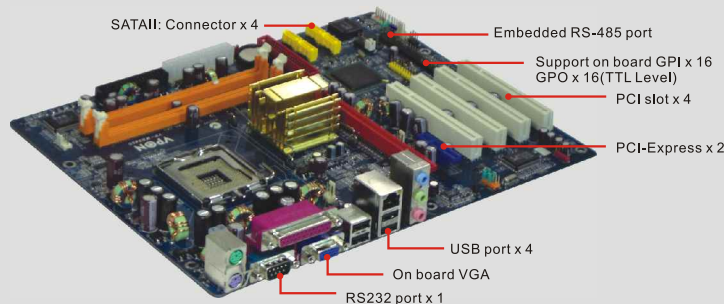
## Product Specifications

<b>Model</b>	VP-102
<b>Channels/Card</b>	8
<b>Display FPS/Card</b>	240fps
<b>Rec. FPS/Card (320X240)</b>	200fps
<b>Rec. FPS/Card(640X480)</b>	160fps
<b>Audio In/Card</b>	8
<b>Alarm In/Card</b>	16*
<b>Control Out/Card</b>	8*
<b>Compression Standard</b>	MPEG4 / JPEG / M-JPEG / H.263
<b>Minimum System Requirement</b>	Pentium IV 2.0GHz CPU or better 512MB DRAM, One IDE slot for DOM Chip
<b>Browser Compatibility</b>	Win 2000/XP running MS Internet Explorer 6.0 or later
<b>Communication Protocol</b>	Support TCP/IP , DHCP , NTP , HTTP , FTP
<b>Backup Function</b>	IDE or USB Interface HDD, CD-RW, DVD+RW
<b>Language</b>	English, Traditional Chinese, can be localized to other language

\*Optional GPI/O card for alarm control

## Compatible devices (Optional):

VP-MB945G



Plug & Play



[www.vpon21.com](http://www.vpon21.com)

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