

VPON Network DVR System

Your best choice for digital video recording and remote surveillance



VP-101

Real Time Network DVR on Chip

MPEG4 Hardware CODEC



Product Introduction

- VPON Network DVR Firmware in a DOM (Disk On Module)
- Plug and play, no operating system required
- 4 Video input, up to Full D1 resolution (720 x 480)
- Built-in QUAD chip for local live video surveillance
- MPEG4 Hardware CODEC support
- Real-time live monitoring, up to 30fps for each camera
- Real-time video recording, up to 30fps for each camera
- 4 audio input, 1 audio output
- Comprehensive backup device support
- Simultaneously Record / Playback / Back-up/Browse capabilities
- Hardware Watch dog timer for automatic failure recovery
- Built-in Web Server and Firewall

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Features

Video & Audio recording

- VPON Network DVR Firmware in a DOM (Disk On Module)
- Simple and smart operation with IR remote control
- Multiple capture cards in one system, up to 16 channel
- Built-in channel switching (QUAD) function for local live video surveillance
- Selectable 1 / 4 / 6 / 7 / 8 / 9 / 10 / 13 / 16 split-screen display
- Control well-known brands PTZ Cameras
- Thumbnail browsing support

Easy to use

- Plug and play, no operating system required
- Compatible with most of Motherboards
- Supports External USB Hard Disk, CD-R/W for backup

Network

- TCP/IP, PPPoE, DHCP, NTP, HTTP, FTP, UPNP, Multicast support
- Dynamic IP support
- Direct dial-up available
- Use MSIE Standard Web Browser for remote viewing

Alarm function

- Voice Call, E-Mail & FTP server Alarm notification
- Automatically displays the corresponding enlarged image when alarm is triggered
- Selectable Motion detection recording / Event trigger recording / Pre-Alarm function recording / Schedule recording
- Query recording data by date, time, triggered events

Backup function

- NAS and USB external storage support
- IDE or USB interface HDD, CD-RW and DVD+RW back-up support

Customization

- Provides URL syntax for Graphic User Interface and Home Web Page customization
- Use FTP Server upload/download for customization Web Page update
- Supports Firmware upgrade from USB Flash Drive or CD-ROM

Product Specifications

Model	VP-101
Video Input	Support NTSC/PAL composite video, 4/8/12/16 BNC video input connectors
Audio Input	4/8/12/16 audios input
Sensor Input/ Relay Output	4 input / 4 output
Compression Standard	MPEG4 Hardware CODEC
Image Resolution	24bits 360x240, 720x480(Default)
Maximum Live Display Frame Rate	30 fps / Channel, 120fps / Total (NTSC) 25 fps / Channel, 100fps / Total (PAL)
Maximum Video Recording Frame Rate(Total)	120fps/ CIF, 30fps/ Full D1 (NTSC) 100fps/ CIF, 25fps/ Full D1 (PAL)
Minimum System Requirement	Pentium IV 2.0GHz CPU or better 256MB DRAM, One IDE slot for DOM Chip AGP VGA card
Browser Compatibility	Win 98/ME/2000/XP running MS Internet Explorer 6.0 or later
Communication Protocol	Support TCP/IP, PPPoE, DHCP, NTP, HTTP, FTP, UPNP, Multicast
Backup Function	IDE or USB Interface HDD, CD-RW, DVD+RW
Language	English, Traditional Chinese,
Safety	FCC, CE
Standard Package	DOM with VPON Firmware VP-41 Capture Card User Manual

System Configuration



VP-41 Capture Card

Every VP-41 supports 4 video / 4 audio inputs and transmits 30FPS per video channel. Works well with VP-400 4U IPC Platform, VP-101 supports up to 4 capture cards (total of 16 channels) in one system.

VPON Network DVR on Chip

Just plug and play NO OS installation required. Simultaneously record / display / playback / back-up. VP-101 VPON Network DVR on Chip provides users with a DVR system that is simple to install and easy to operate.