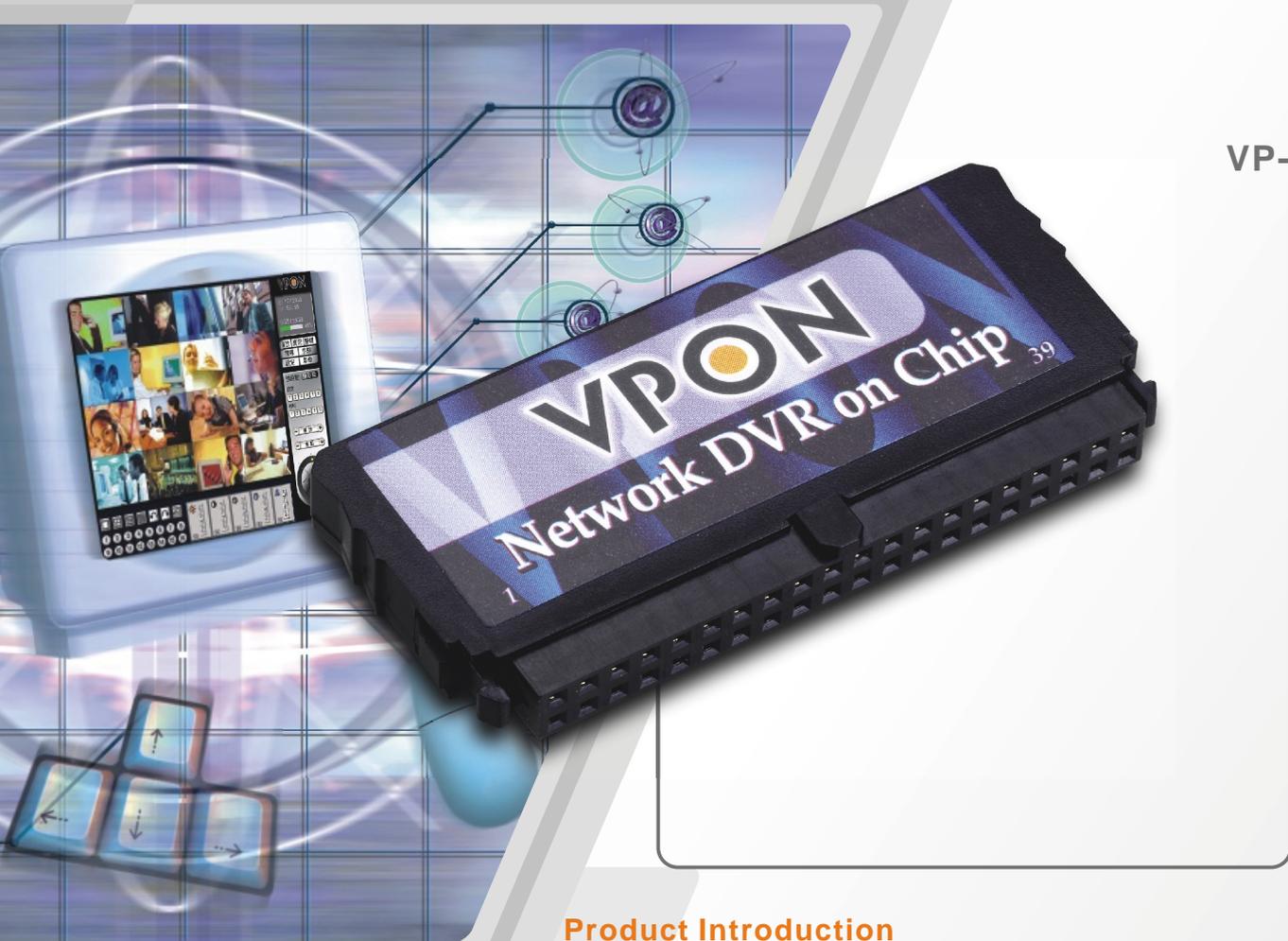# VPON

Network DVR on Chip

VP-100

Product Introduction

- VPON Network DVR Firmware in a DOM (Disk On Module)
- Plug & Record, no operation system needed, no virus and system crash concern
- 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

www.vpon21.com

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.
- Adjustable recording quality 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.
- 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

VP-100 Product Specification

	VP-100
Channels/Card	4
Display FPS/Card	120fps
Rec. FPS/Card	120fps
Audio In	1
Alarm In/ Control Out	16 / 8 (Optional)*
Compression Standard	MPEG4 / JPEG / M-JPEG / H.263
Minimum System Requirement	Pentium IV 2.0GHz CPU or better 256MB DRAM, One IDE slot for DOM Chip AGP VGA card
Browser Compatibility	Win 2000/XP running MS Internet Explorer 6.0 or later
Communication Protocol	Support TCP/IP , DHCP , NTP , HTTP , FTP
Backup Function	IDE or USB Interface HDD, CD-RW, DVD+RW
Language	English, Traditional Chinese

*Optional GPI/O card for alarm control

VP-100 Network DVR on Chip

VP-40 Capture Card
Every VP-40 can support 4 camera inputs and display 30 fps/sec for each camera. VP-100 supports up to 4 VP-40 capture cards (total 16 video channels) in one system.

VPON Network DVR on Chip
Just plug and play, No OS installation required.
Simultaneous record/Display/playback. VPON Network DVR on Chip provides users with a DVR system that is simple to install and easy to operate.

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