

SEEnergy π-Vu SmartBackup --

"Centralized Backup Server for Multi-site NVR Distribution"



Distributed NVR deployments, automatic centralized backup...

π-Vu SmartBackup is the ideal data management software for distributed NVR deployments. It's a centralized backup server that automatically backs up data from both the embedded and PC-based NVRs. With π-Vu SmartBackup, you can set to backup data up to 256 channels from maximum 16 NVRs. You can set the software to perform back automatically at a desired time with configurable quality when backing up the data to use the disk more effeciently. You can also set bandwidth used for backup to avoid network collision when large data backup is performed.

- **Simultaneous Backup from up to 16 NVRs/256 CH**
- **Configurable Backup Frequency with Configurable Schedule**
- **Support Manual/Automatic Backup**
- **Configurable Backup Bandwidth**
- **Flexible Data Management to delete, recycle, and export recording data**
- **9CH Synchronous Playback/Event Playback**
- **E-Mail Event Notification**
- **Remote Client Backup and Playback**
- **Two-way Audio**
- **SEEnergy Smart NVR Search**

Preliminary

π-Vu SmartBackup -- Technical Specifications

NVR	
Add NVRs	Manual/Smart Search Pi-Vu Pro PC NVR/SVR Series NVRs
Max. Channels	256 (Max. 16 x NVRs)

Backup	
Storage	Multiple drives supported
Backup Method	Manual/Schedule
Options	Configurable bandwidth/FPS adjustment

Playback	
Export AVI	Export recorded files to AVI
Split Screen	1/4/9
Search Methods	Time/Date, Event (thumbnails)
Event Search	All/Time/Channel/Event Type/Event ID
Playback Controls	Play/Pause/Stop/Forward (Speed adjustable)/Reverse (Speed Adjustable)/Frame by Frame/Event By Event

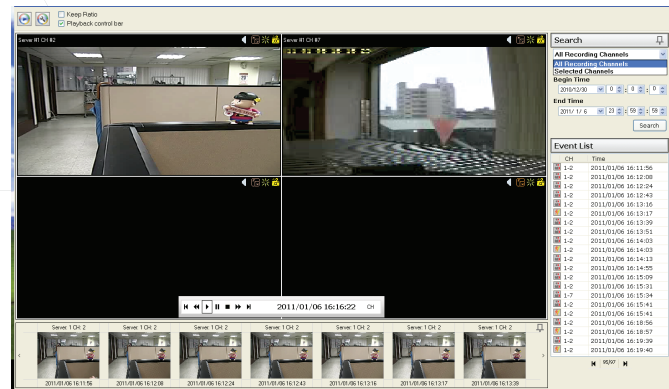
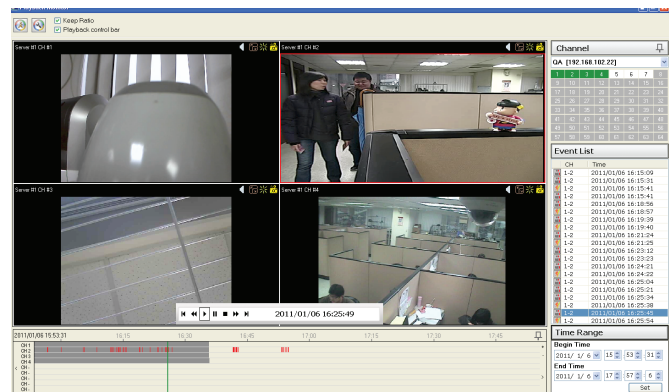
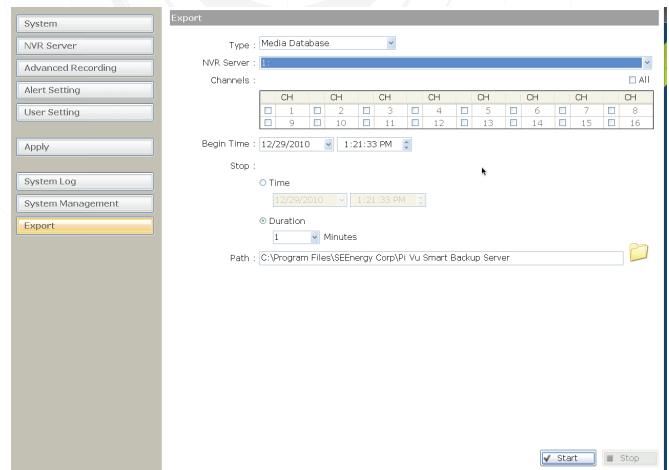
Management	
Data	Delete/Auto Recycle/Backup/Export AVI
Operation	Max. 4 clients configuration/view
License	Configurable Channel License with USB Dongle

Triggers & Events	
Event Notifications	Email notification with pre-defined system events

Network	
Protocols	TCP/UDP/HTTP/FTP/SMTP/DHCP/DNS/ARP/ICMP/NTP/UPnP/RTP/RTSP/RTCP

Systems	
Min. Hardware Requirement	CPU: Intel Core 2 Duo or above RAM: Minimum 1GB or above is recommended HDD: 200GB or above Graphic Card: Independant graphic card with DirectX9.0c or higher Resolution: Min. 1440x900 Network: 100 Megabit Network Interface or above
Min. Software Requirement	Windows 2000(SP4), Windows XP SP2, Windows 2003, Windows Vista/7

General	
Package	CD/Manual/USB KeyPro
Languages	English/Trad. Chinese/Simp. Chinese/Japanese/Spanish



Application Diagrams

Complete Network Video Recorder Solution

Storage, Central Management, Remote Backup, Full HD display, Intelligent video Analytics

Central Management Software Pi-Vu Central Basic

- Free bundled with SVR
- Central management of SVR x16
- Support maximum 256 channels
- Two way audio
- Smart Motion Detection, Tripwire, Camera tampering detection, Object loss detection, Image enhancement
- Multi-screen management
Live, event, playback & E-map



Standalone Media player SVD-216

- Manage up to 4 NVR(SVR) & 16 CH camera
- Support various video format and resolution
- Export playback video to AVI
- Two-way audio
- Support split screen: Full HD x1, D1x4 or CIFx9
- Sequential display mode
- Event notification for camera & NVR system alarm
- Support IR remote controller & USB joystick



Standalone NVR SVR-116+

- Support MJPEG, MPEG4 and H.264
- Two SATA2 hard disks(4TB)
- RAID0 & RAID1
- External hard disk interface
- 4CH synchronous playback
- Web-based E-map event alert
- Google map
- Two-way audio
- BDI / 4DO
- USB backup
- Linux based operation system
- Pure web-based administration



Backup Server Software Pi-Vu Smart backup

- Backup media data/ event log from multiple NVR
- Support maximum 16 recording server, 256 channels to backup.
- Support maximum 4 clients to configure/view.
- Hr/ Day/Week/Month backup frequency
- Frame rate setting
- Manual backup
- Specify the network bandwidth for backup
- Remote viewer program for playback
- Support deleting the backup data. (by time, by size)
- Support export of media backup.

Preliminary

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SEEnergy Corp.
 4F, No.61, Dongsing RD.,
 Taipei 110, Taiwan, R.O.C.
 Tel: 886-2-8768-1518
 Fax: 886-2-8787-8560
 E-mail: sales@seenergy.com.tw
 www.seenergy.com.tw