SVD-216 Network Media Player -
Multi-Channel High Quality Network Video Decoder

Full HD 1080

The SEEnergy SVD-216 is designed for use with SEEnergy's embedded NVRs. The high quality network media player acts as a network video decoder which is equipped with a DVI interface that can outputs 4 real-time videos from the NVRs up to D1 resolution or 1 real-time video in full HD (1920 x 1080) resolution. The media player provides maximum of 9 live video view and 1 channel playback. The built-in USB ports can be used to connect a USB hard disk for backup purpose. Simply connect the device to an external monitor and all operations can be done with an IR remote control on a friendly user interface. The device is built with high performance decoding processor and provide superior reliability with an embedded OS.

Feature Highlights

- ● Manage up to 4 SEEnergy NVRs
- ● Up 9 Live Video Display
- ● HD Resolution Decode and Display
- ● Easy Firmware Upgrade Through USB
- ● Support Backup to USB Disks

- ● Export Playback Videos to AVI
- ● Easy Operation with Remote Control
- ● Two-way Audio
- ● Support H.264
- ● SEEnergy Smart NVR Search

Preliminary

SVD-216 -- Specifications

Hardware:

Supported Devices

NVR	SEEnergy Embedded NVRs x 4
IR Remote Control	Operate main functions of the device
USB External Disks	For firmware upgrade and recording files backup

Connectors and LEDs

USB	2
IR Receiver	Receive signal from remote control
Ethernet	10/100 Mbps
DVI-D	Connect to external display
MIC	Connect microphone
Line In	3.5mm phone jack
Line Out	3.5mm phone jack
IR Sensor	Connect secondary IR Receiver
Power	Power adapter connector
LEDs	Power/Status/Network/Alarm

Buttons

Power	Turn on/off device
Buzzer Stop	Turn off buzzer after event trigger
Reset	Restart/Restore to default settings

System

Power	12V DC
Dimension	18 x 17 x 3 cm
Weight	1 kg (Device). 1.7kg (Gross Weight)

Environmental

Temperature	10 °C ~ 40 °C (operating)
Humidity	20% ~ 80% (non condensing)
Safety	CE/FCC Class A

Software:

Video

Compression	MJPEG, MPEG4/H.264 (main profile only)
Resolution	Full HD/MegaPixel/D1/CIF
Max. Frame Rate	30 fps @ Full HD (1ch) 120 fps @ D1 (4ch) 270 fps @ CIF (9ch)
Max. Channel	16 (manage), 9 (live view)

Audio

Streaming	Two-way
Compression	G.711/G.726

Live View

Split Screen	1/4/9/Full Screen
Sequence View	1/4/9
PTZ Controls	Through remote control
Snapshot	Single snapshot in JPEG format

Playback

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

Triggers & Events

Digital Input	Receive trigger from NVR
Event Detection	Motion/Digital input
Event Notifications	On-Screen Alert/Buzzer

Network

Protocols	TCP/UDP/HTTP/DHCP/DNS/ARP/ICMP/NTP/UPnP

General

Package	CD/Quick Guidel/Ethernet cable/Power Adapter
Languages	English

Preliminary

SVD-216 -- Part Names and Functions

Front View

1	USB Connector	9	Power Button
2	USB Connector	10	Reset Button
3	Alarm LED	11	Power Jack
4	Network LED	12	DVI-D Connector
5	Status LED	13	Line Out Connector
6	Power LED	14	Line In Connector
7	IR Receiver	15	MIC.
8	Buzzer Stop	16	Ethernet

Rear View

Alternative Placement
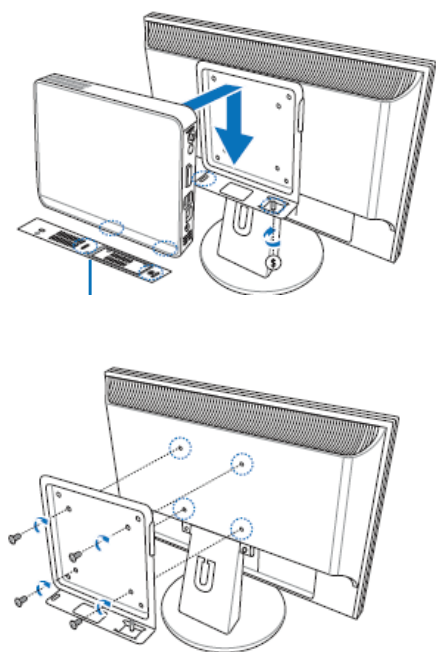
Remote Control
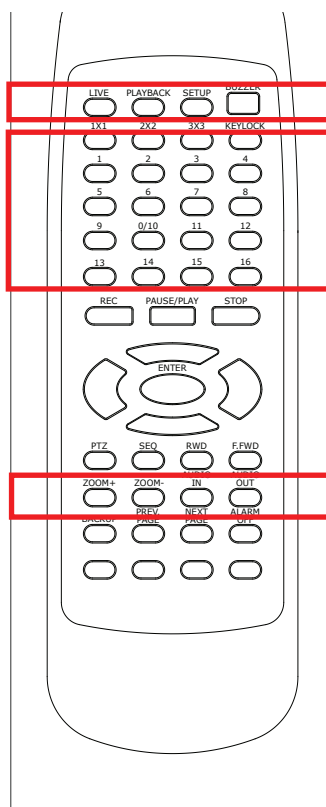
Live: Open live video window
Manual: Open manual window
Play: Switch to playback window
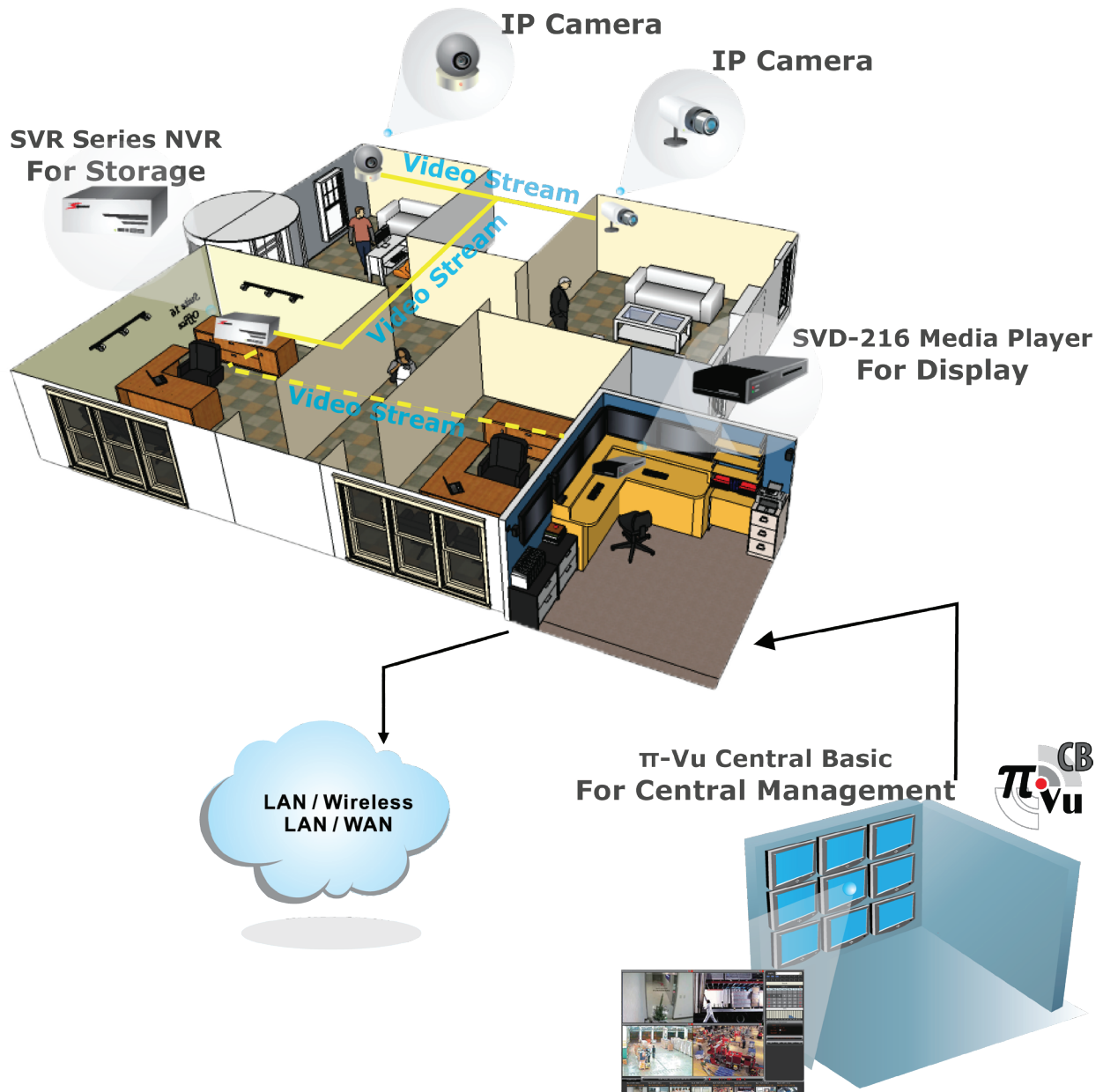**Buzzer**: Turn off Buzzer(Event is detected)

Channel Selection

A_In: Enable SVD audio input
A_Out: Enable SVD audio output
SEQ: Swtich to sequential mode
PTZ: Enable camera PTZ control

Preliminary

SVD-216 -- Application Diagram

IP Camera

IP Camera

SVR Series NVR
For Storage

Video Stream

Video Stream

Video Stream

SVD-216 Media Player
For Display

LAN / Wireless
LAN / WAN

π-Vu Central Basic
For Central Management

π·Vu CB

Preliminary

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

SEENERGY