

Network Video Recording Solution for Video Conference Equipments



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2013, Sales and Marketing

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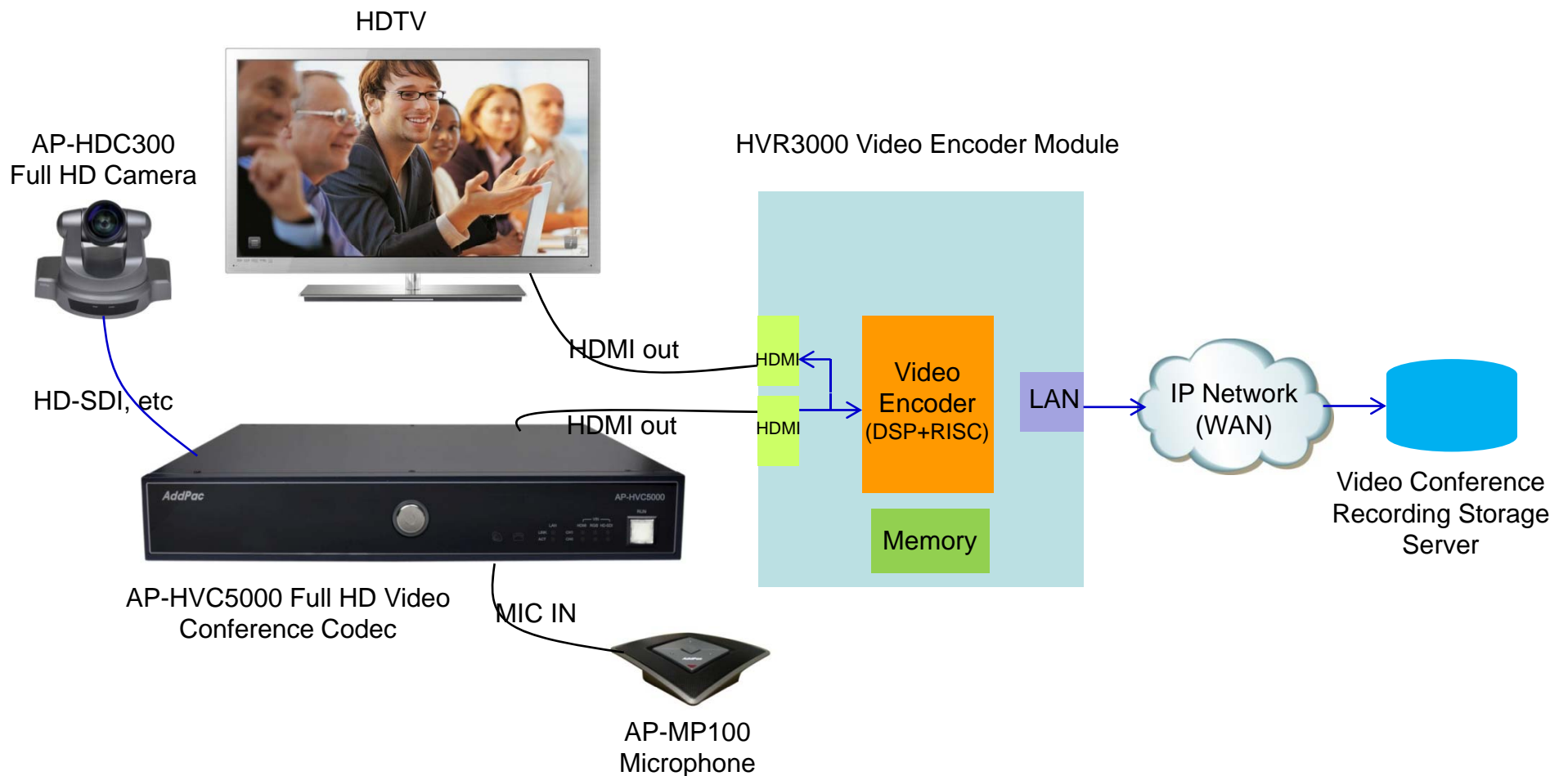
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 - Video Conference Recording Management Server
 - NMS (Network Management System)*

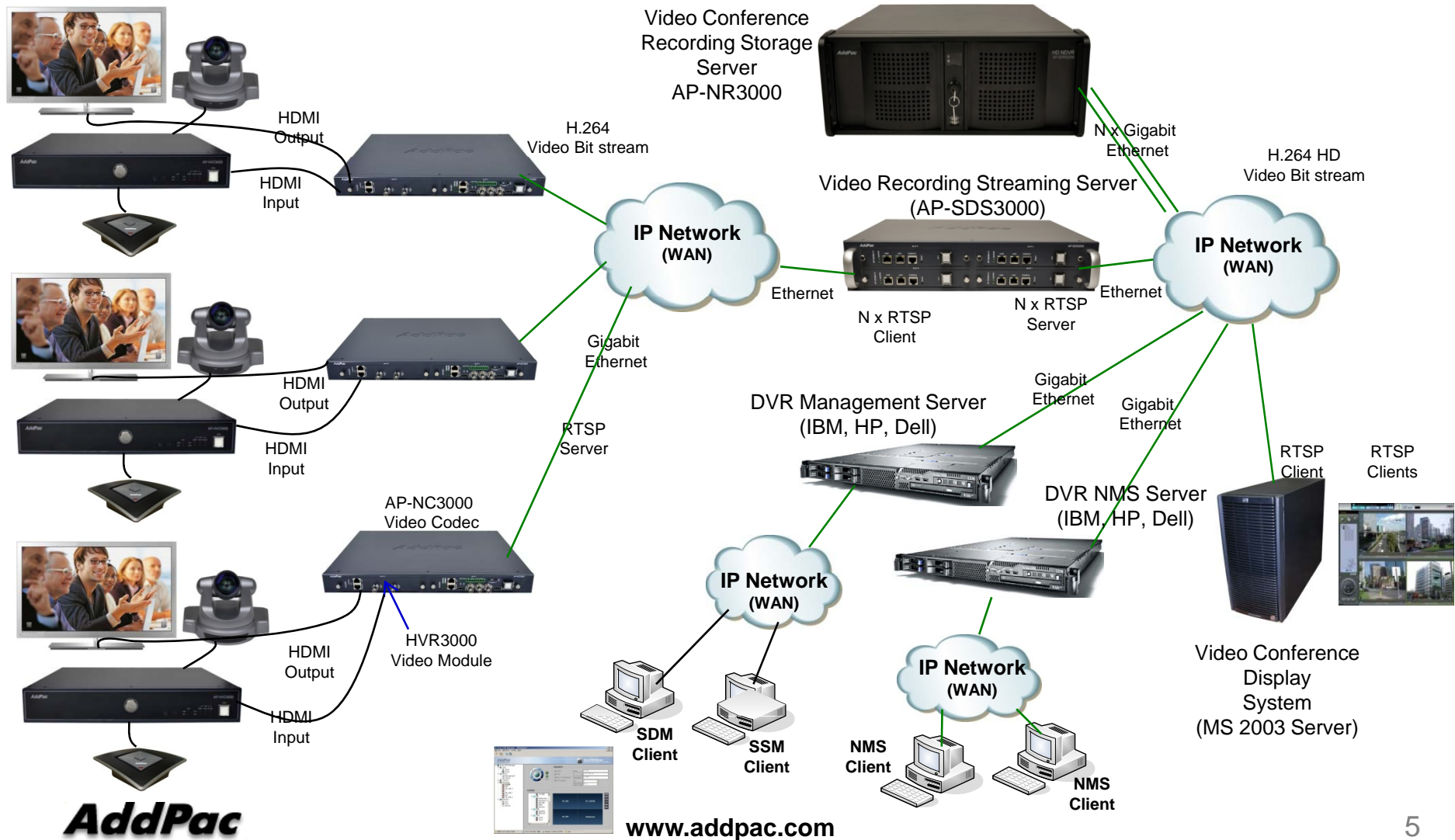
Video Conference Recording Basic Concept(cont..)



Video Conference Recording Basic Concept



Video Conference Recording Service Diagram





Video Conference Recording Solution Components

HD Video Codec

AP-NC3000 HD Video Codec

Main Features

- IP based Audio/Video Encoding/Decoding Solution
- Two(2) Slot for HD Video Modules
- Various HD Video Codec Modules Support
- H.264 HD Video Codec
- IP based Network Surveillance Solution
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection
- Internal Power Supply

Hardware Specification

AP-NC3000 HD Video Codec

AP-NC3000 Front View



Video Codec Module Slot 0

Video Codec Module Slot 1

Hardware Specification

AP-NC3000 HD Video Codec

AP-NC3000 Back Side View



AC Power Supply

Power On/Off Switch

Hardware Specification

AP-NC3000 HD Video Codec

AP-NC3000 Video Codec Modules

HVR3000 : 2Ch HDMI based Video Encoder Module for Video Conference Recoding (H.264 1080p, 720p, D1 Encoding)

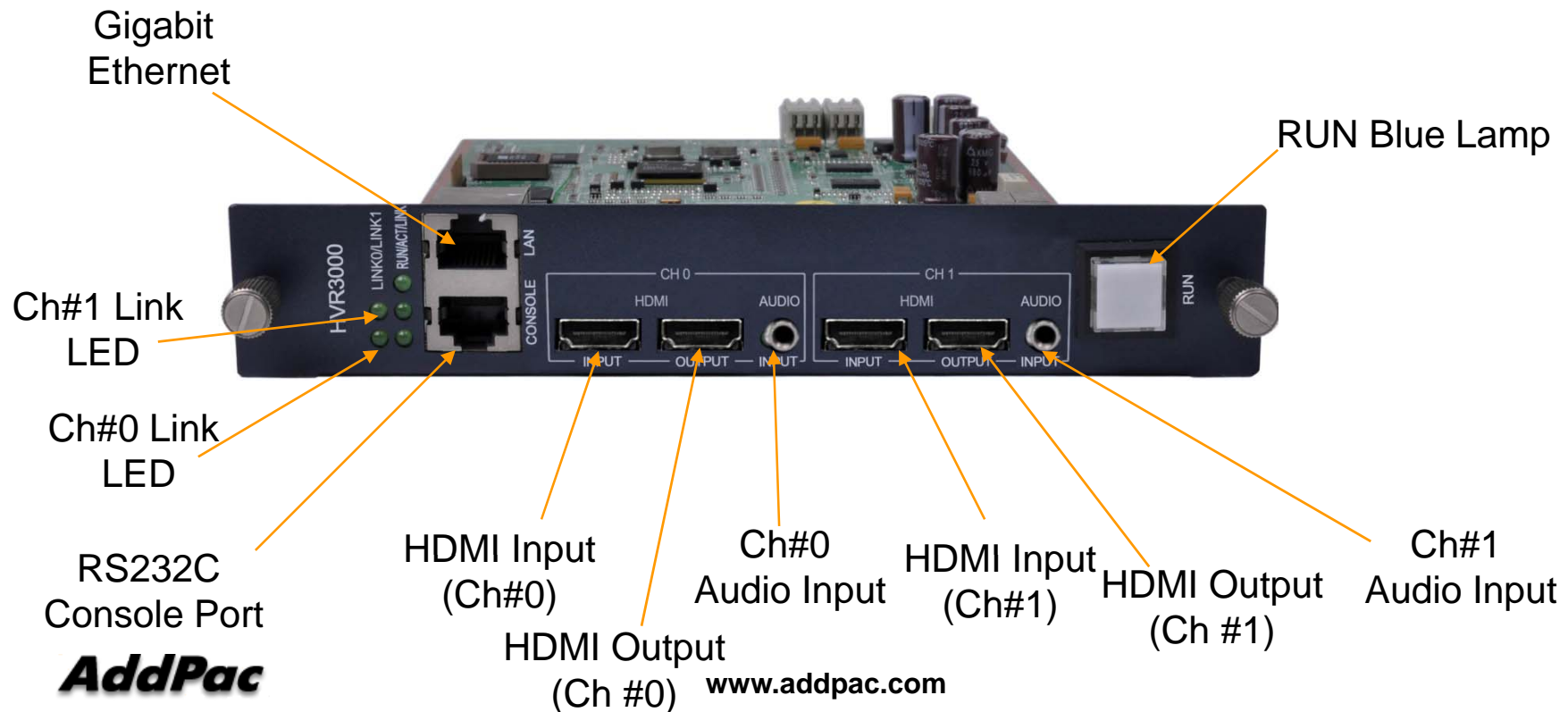


Hardware Specification

AP-NC3000 HD Video Codec

High-end
DSP

HVR3000 Video Conference Recording Module(H.264)





Video Conference Recording Streaming Server (AP-SDS)

AP-SDSM-V1 Streaming Service Module




AP-SDS2000,AP-SDS3000,AP-SDS5000 Streaming Server

High-end
RISC

Main Features

- RTSP based Full HD/HD/D1 Streaming Service
- High Performance RISC Computing Power
- Embedded H/W and Real-time OS
- Fault Tolerant and Reliability Service
- RTSP Server & Client Architecture
- HD Video Encoder, HD Video Decoder, HD Storage Server, HD Display Server RTSP based Interworking
- Maximum 20 Channel HD Video Bit-Stream TCP Input(at 4Mbps)
- Maximum 40 Channel HD Video Bit-Stream TCP Output(at 4Mbps)
- VRRP, Active & Standby Redundancy Support
- Server Function for Web based Smart DVR Manager
- HD Video Solution with Outstanding Network Service Capability

AP-SDS2000, AP-SDS3000, AP-SDS5000 H/W Platform

	AP-SDS2000	AP-SDS3000	AP-SDS5000
Model			
Module Slot	2 Module Slot	4 Module Slots	10 Module Slots
Power Supply	Internal Power Module (AC)	Internal Power Module (AC)	Module based Dual Power Supply
Power Type	Built-In	Built-In	Module Type

Streaming Service Modules

High-end
RISC

AP-SDSM-V1 Smart DVR Streaming Service
Module
(HD, D1, CIF, etc)



Video Conference Recording Streaming Server

AP-SDS2000 Streaming Server

High-end
RISC

Hardware Specification

- High-end Programmable RISC Hardware Architecture
- Two(2) Module Slots for HD Streaming Service
- Smart DVR Streaming Service Module (AP-SDSM-V1)
 - Network Interface
 - Two(2) 10/100/1000Mbps Gigabit Ethernet
 - One(1) Console Port



Video Conference Recording Streaming Server

AP-SDS3000 Streaming Server

High-end
RISC

Hardware Specification

- High-end Programmable RISC Hardware Architecture
- Four(4) Module Slots for HD Streaming Service
- Smart DVR Streaming Service Module (AP-SDSM-V1)
 - Network Interface
 - Two(2) 10/100/1000Mbps Gigabit Ethernet
 - One(1) Console Port



Video Conference Recording Streaming Server

AP-SDS5000 Streaming Server

High-end
RISC

Hardware Specification

- High-end Programmable RISC Hardware Architecture
- Ten(10) Module Slots for HD Streaming Service
- Smart DVR Streaming Service Module (AP-SDSM-V1)
 - Network Interface
 - Two(2) 10/100/1000Mbps Gigabit Ethernet
 - One(1) Console Port



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Video Conference Recording Storage Server (AP-SDRS)

Video Conference Recording Server

AP-SDRS2000 Video Conference Recording Server

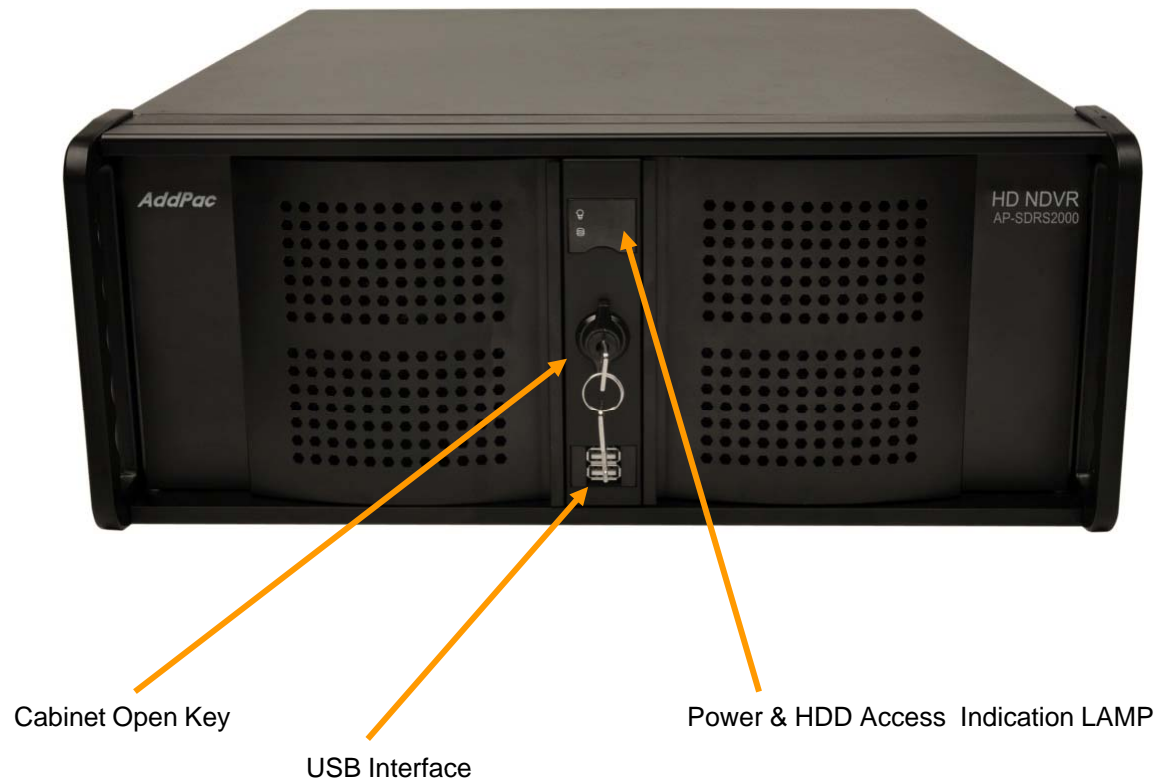
- High-Performance Full HD/HD/D1 Network Video Storage Features
- Linux Operating System (Option : Window Version)
- H.264 Video Codec BP/MP/HP
- Full HD, HD, D1 Video Resolution Support
- HD Video Recording and Streaming Service
- Smart DVR Viewer Support (MS-Window S/W)
- Smart DVR Manager Support (MS-Window S/W)
- File Back Manager Support (MS-Window S/W)
- Powerful Management and User Friendly Features
- High-performance Audio and Video Service
- Firmware Upgradeable Architecture
- Up to 4 x 3.5Inch Hard Disk (SATA Type, 2Tera Byte Support)
- One(1) DVD Writer for Video File Backup
- One(1) 10/100/1000Mbps Gigabit Ethernet Interface
- USB Interface Support (Front Side, Back Side)

Hardware Specification

AP-SDRS2000 Video Conference Recording Server

High End
Processor

AP-SDRS2000 Front Side

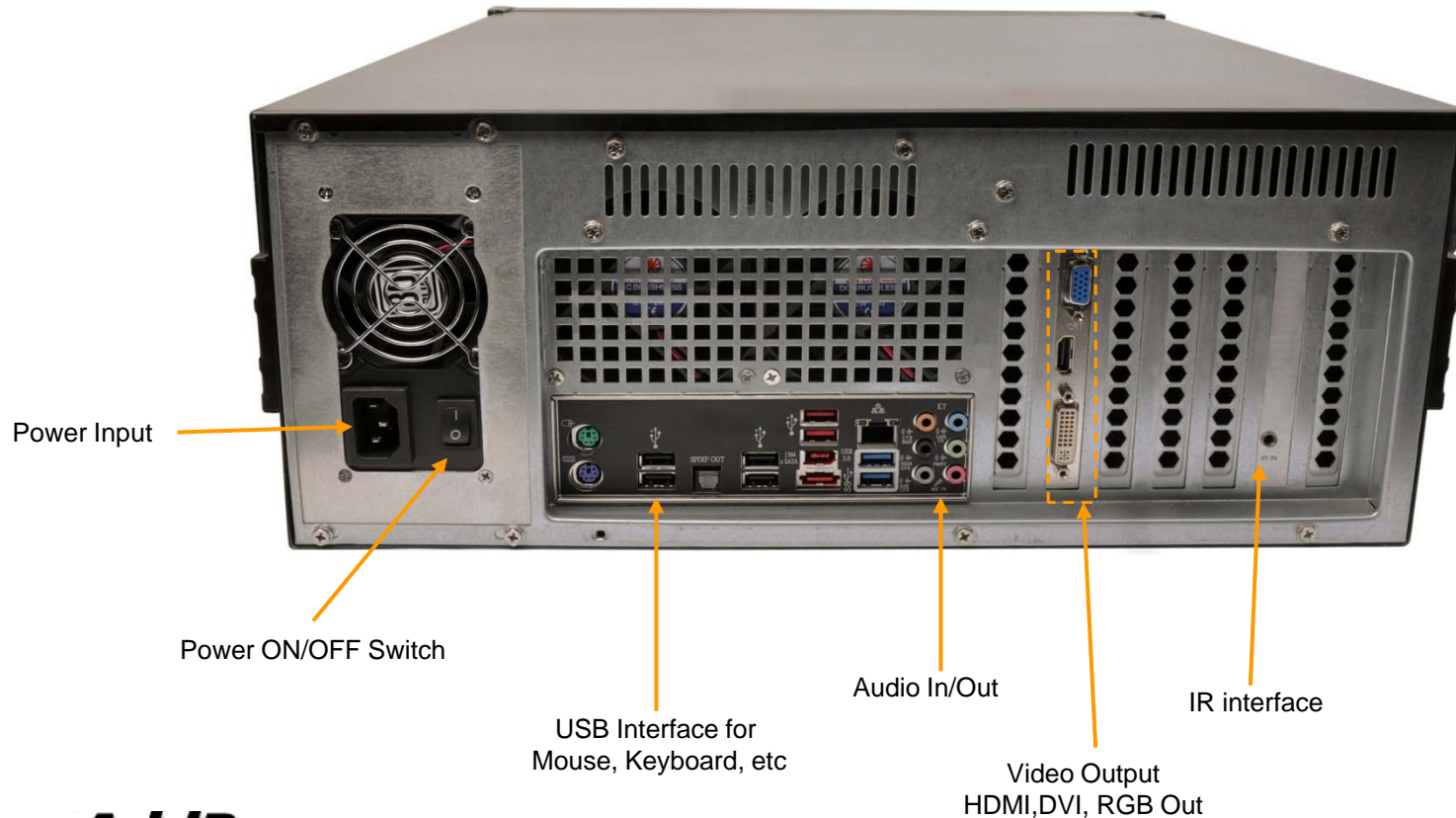


Hardware Specification

AP-SDRS2000 Video Conference Recording Server

High End Processor

AP-SDRS2000 Front Side





Video Conference Recording Management Server (AP-SDMS)

Video Conference Recording Management Server

AP-SDMS Smart Management Server

Main Features

- Linux based Commercial Server Platform
- SDM(Smart Video Conference Recording Manager) Web Server
- SSM(Smart Subtitle Manager) Web Server
- Smart Streaming Server Interworking
- Video Solution with Outstanding Network Service Capability

Video Conference Recording Management Server

AP-SDMS Smart Management Server

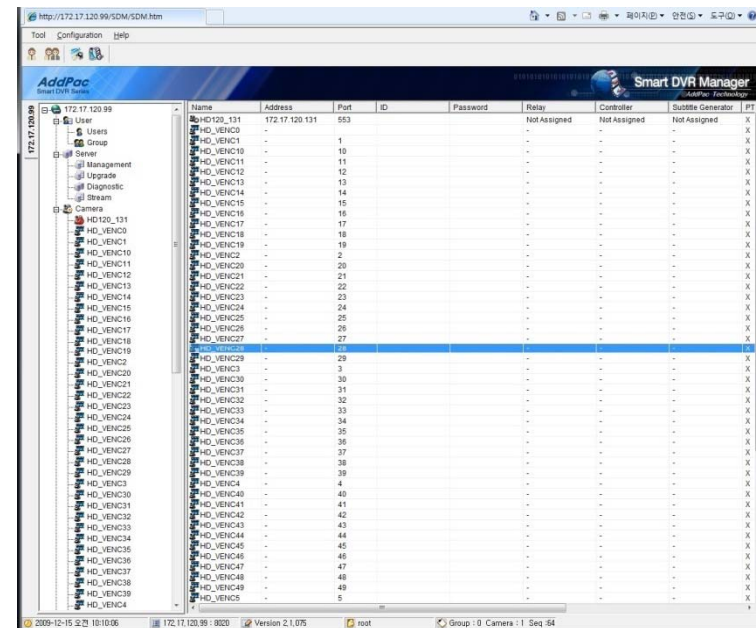
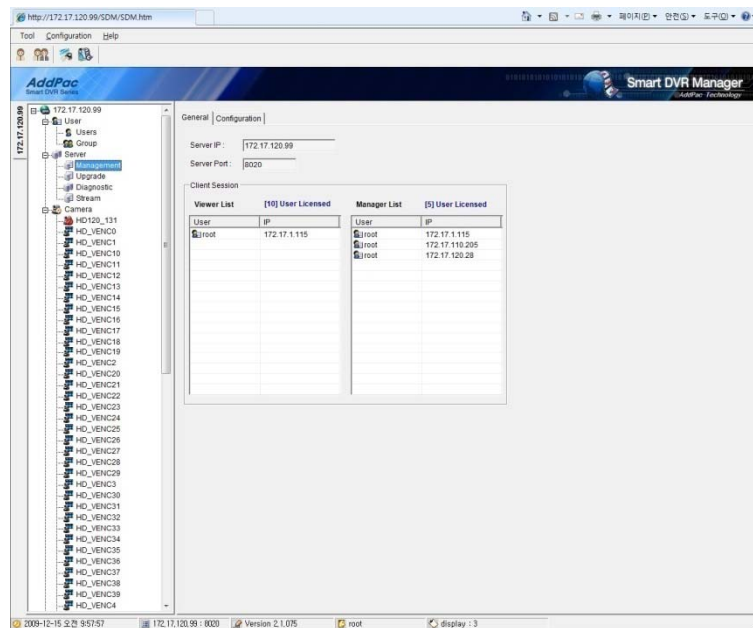
Web based SDM Feature

- Login Management
- User and Group Management
- Management Server
 - CPU, Memory Utilization
 - Server IP address, Port , etc
- Network Camera Management
 - Registration, Model, IP address, PTZ Support, Video Encoder Control, etc

Video Conference Recording Management Server

AP-SDMS Smart Management Server

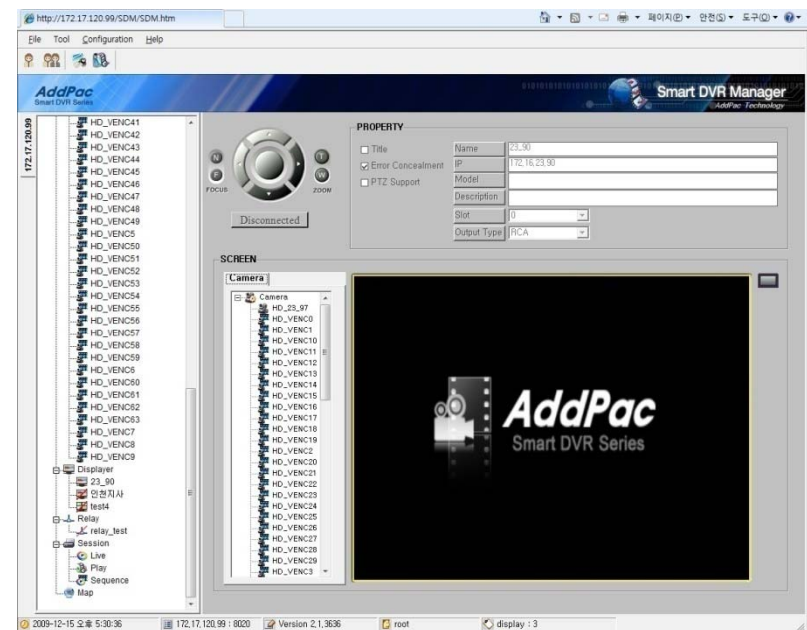
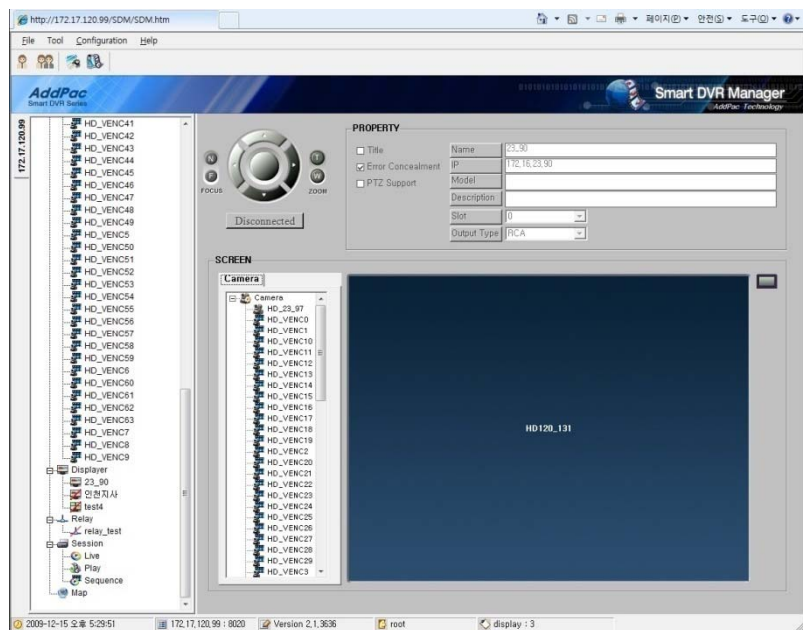
Web based SDM (screen capture)



HD DVR Management Server

AP-SDMS Smart Management Server

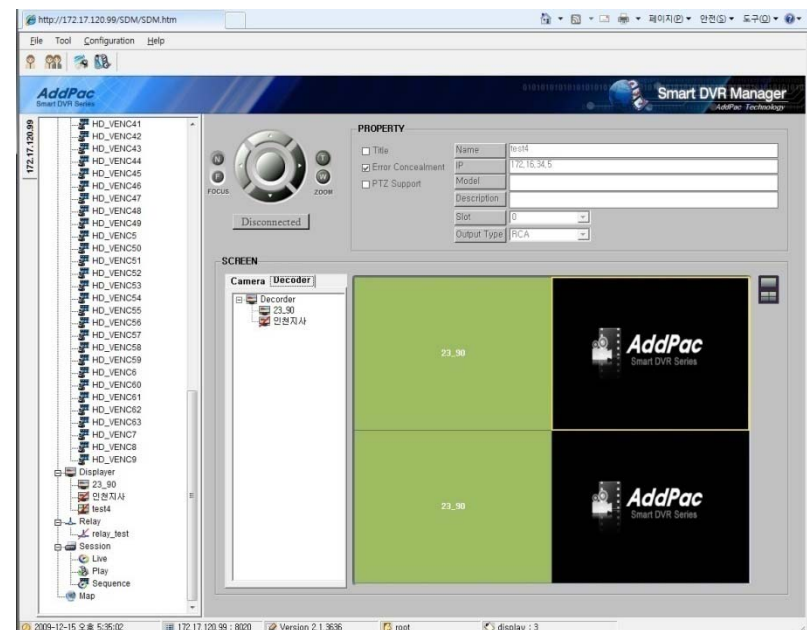
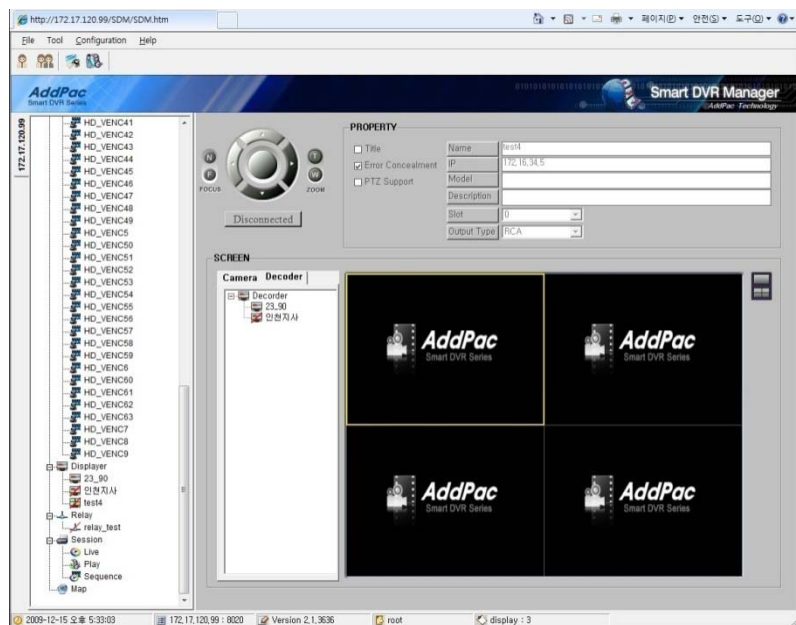
Web based SDM (screen capture)



HD DVR Management Server

AP-SDMS Smart DVR Management Server

Web based SDM (screen capture)





Video Conference Recording Display System (AP-SDDS)

Video Conference Recording Display System

AP-SDMS Video Conference Recording Display System

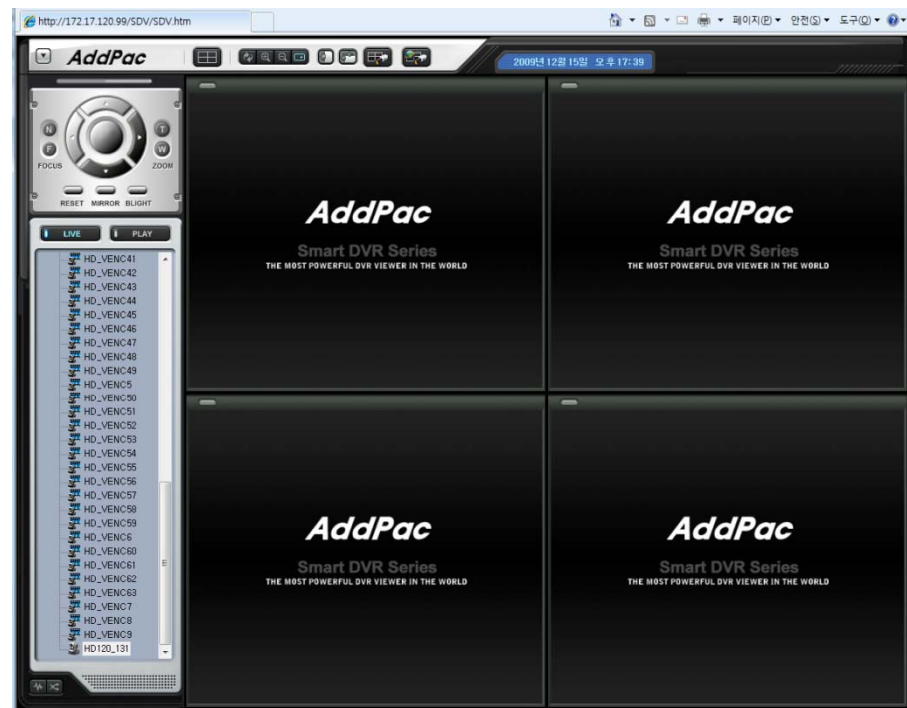
Main Features

- MS 2003 Window Server High Performance H/W Platform
- Web based SDV(Smart Video Conference Viewer) Support (RTSP & Web Client)
- H.264 Full HD, HD (720P), D1 Video Decoding
- RTSP Streaming Protocol support
- Smart Streaming Server Interworking (RTSP & Web Server)
- Video Solution with Outstanding Network Service Capability

Video Conference Recording Display System

AP-SDMS Smart Video Conference Display System

Web based SDM (screen capture)



Ordering Information

- Large Scale Video Conference Recording Solution
- Including 1 Year Hardware Warranty
- Product Documents
 - Install and Operation Guide (PDF)
- Pricing
 - AddPac Technology Regional Sales Manager
 - Authorized Sales and Marketing Representatives
 - Please Contact www.addpac.com



Thank you!

AddPac Technology Co., Ltd.
Sales and Marketing

Phone +82.2.568.3848 (KOREA)

FAX +82.2.568.3847 (KOREA)

E-mail sales@addpac.com