AP-SDRS5000 RTSP based HD/D1 NVR Storage Server Solution

AddPac Technology

Sales and Marketing

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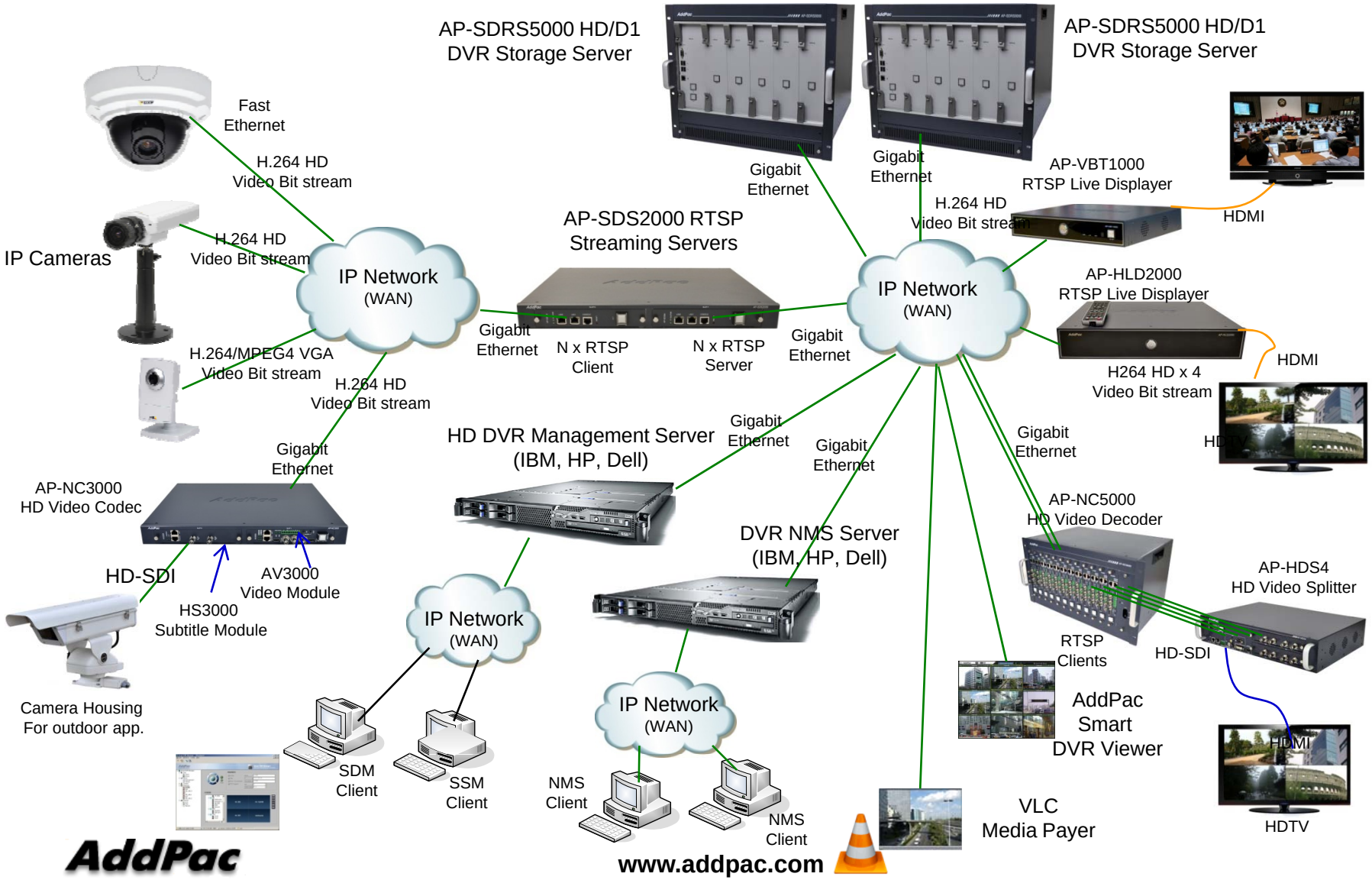
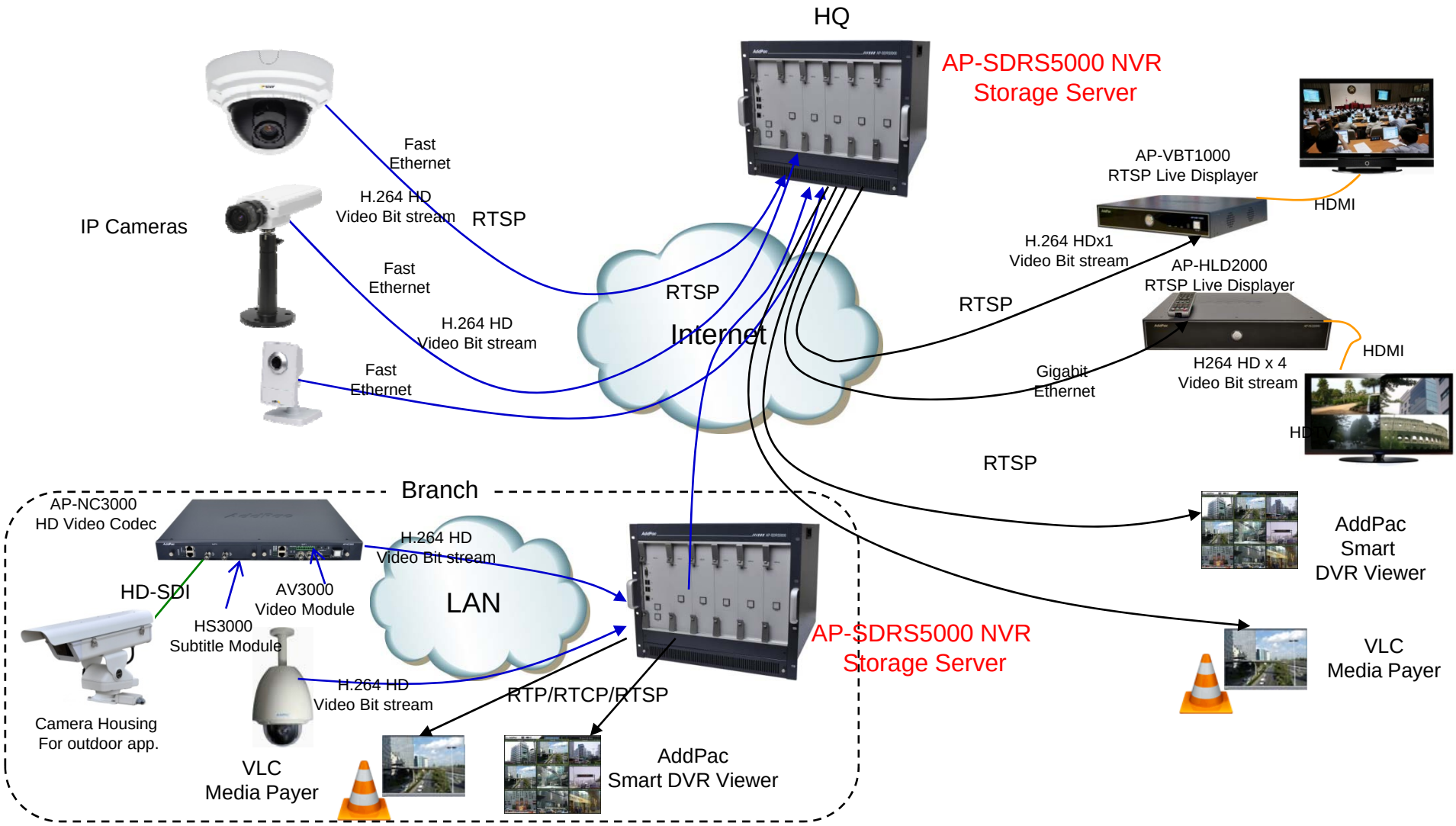
HD NVR Storage Server Service Diagram

HD NVR Service Diagram (Large Scale)



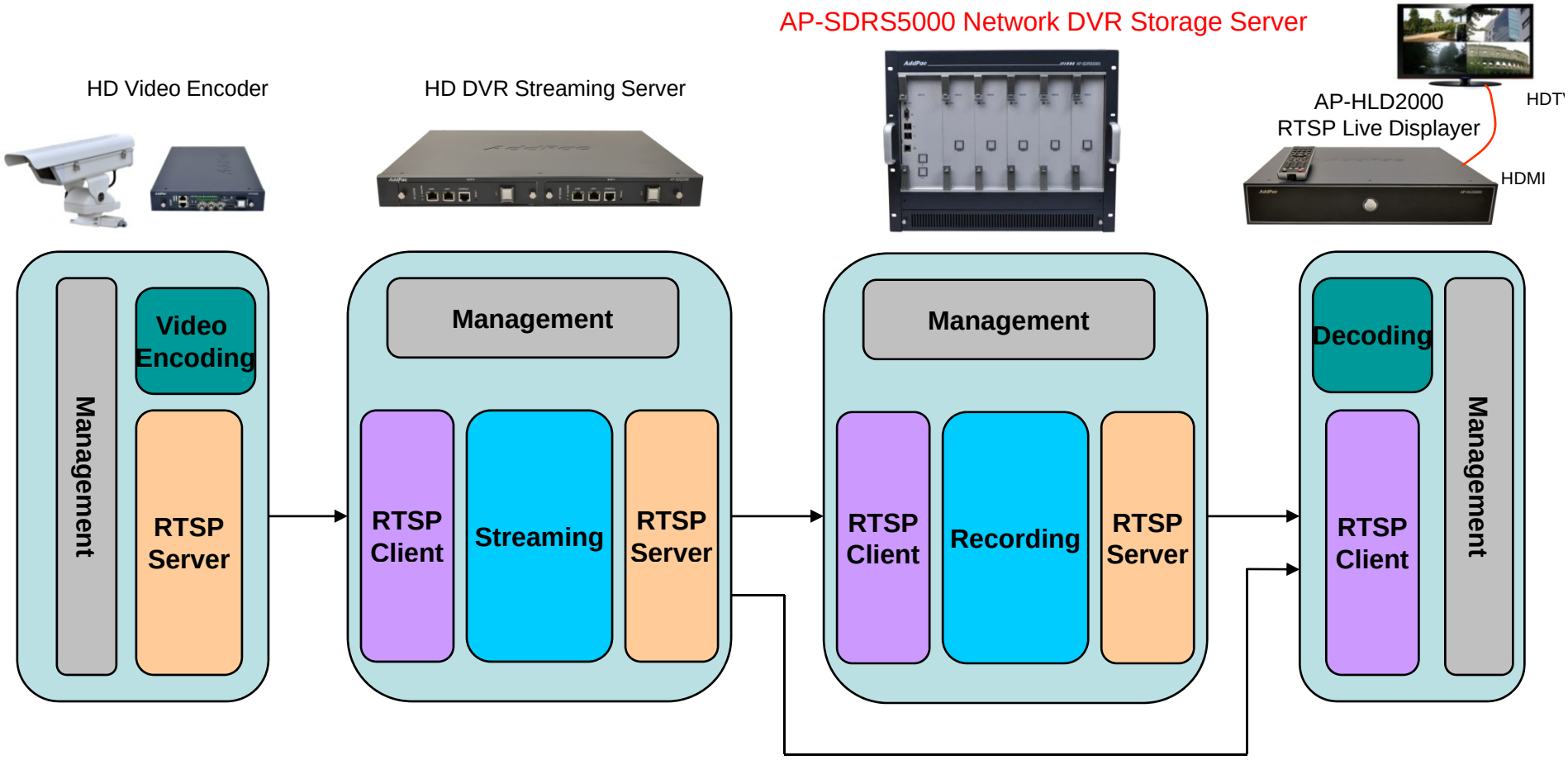
HD NVR Service Diagram(Small Scale)



HD NVR Storage Server Protocol Block Diagram

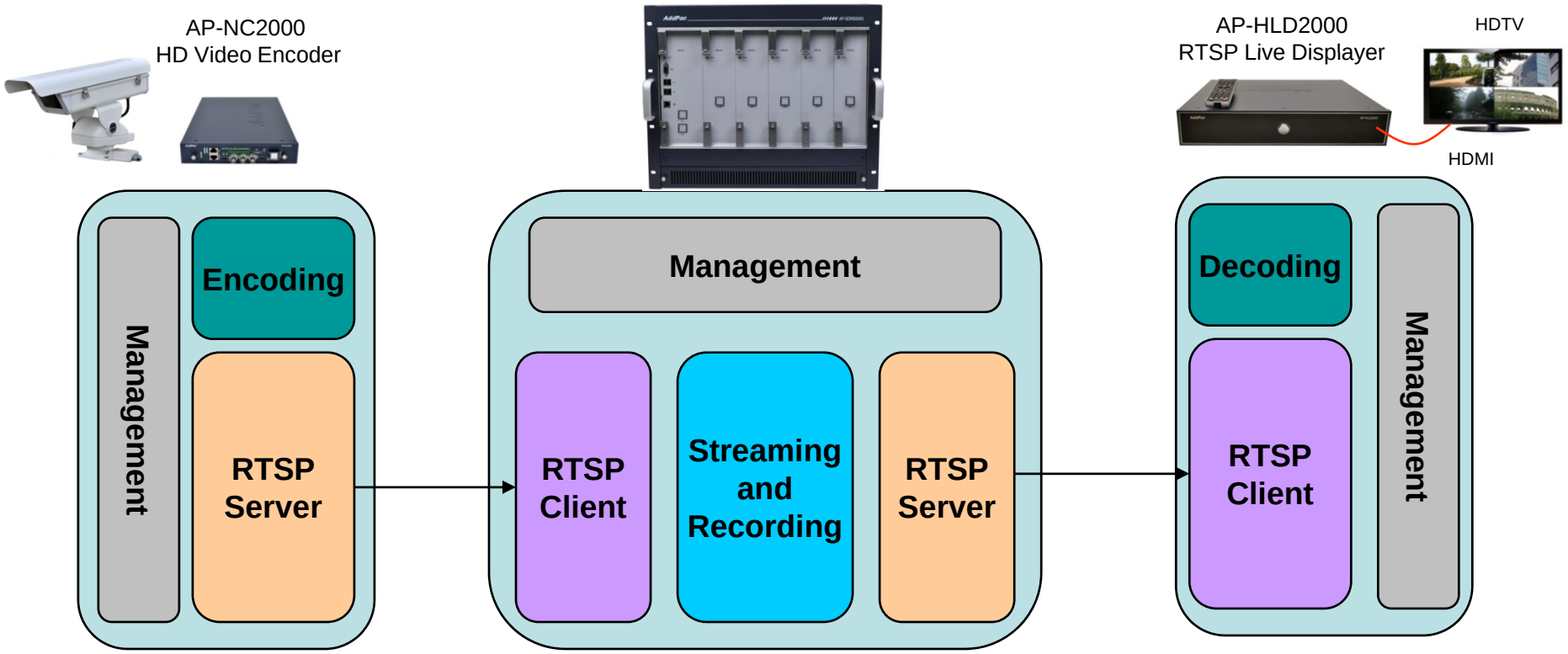
NVR Storage Server Protocol Block Diagram

Medium & Large Scale Network DVR Solution

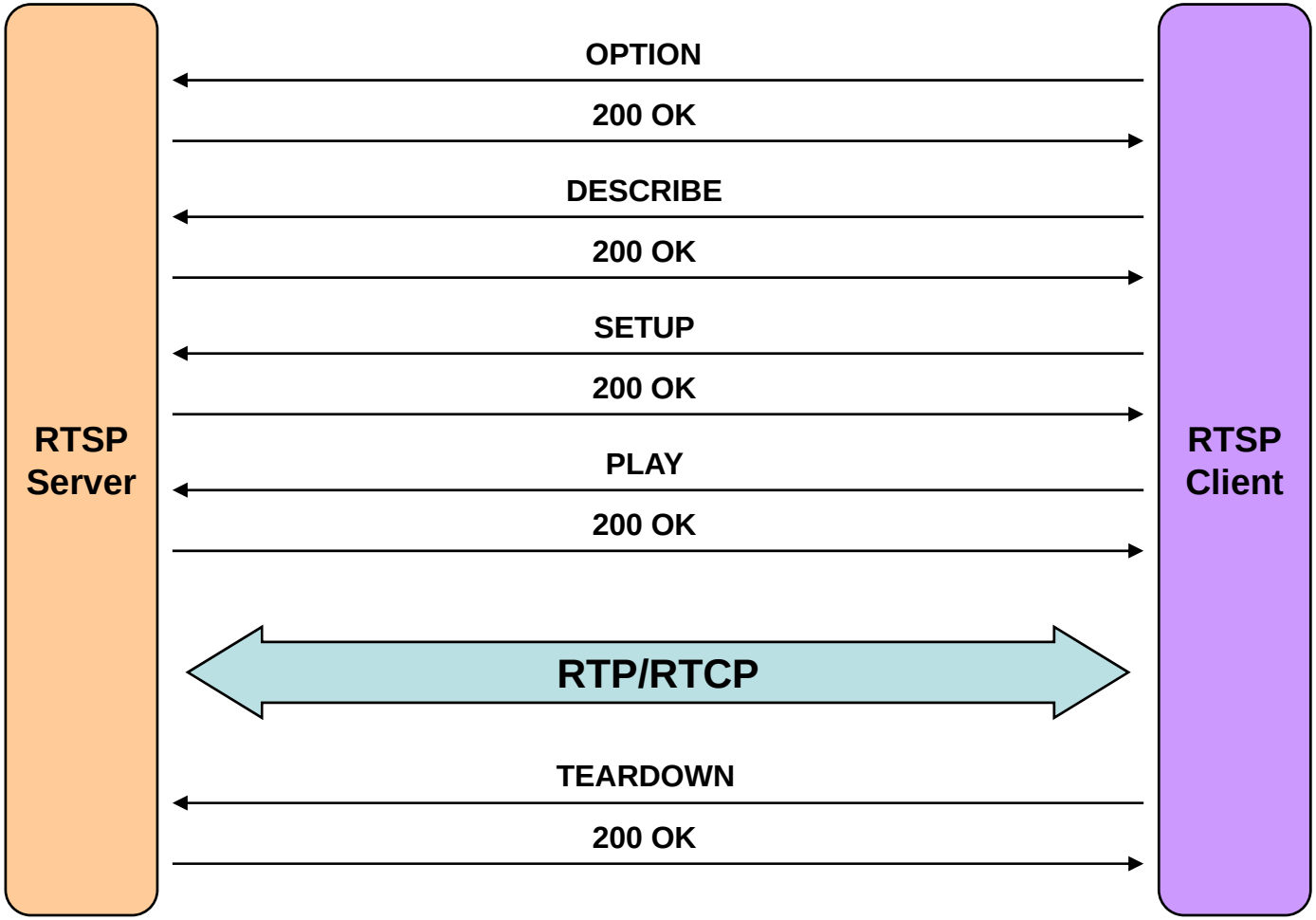


NVR Storage Server Protocol Block Diagram

Small Scale Network DVR Solution (All in One)



Basic RTSP Message Flow



HD NVR Storage Solution Component Features

AP-SDRS5000
HD NVR Storage Server

Product Overview

AP-SDRS5000 HD NVR Storage Server

- High-Performance HD/D1 Network DVR Features
- Linux Operating System
- 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
- Module Type High Performance Processor Board Assembly
- Module Type Hard Disk Board Assembly
- Module Type Dual Power Supply for Power Redundancy
- Up to 5 x 3.5Inch Hard Disk (SATA Type, 2Tera or 4Tera Byte Support)
- One(1) 10/100/1000Mbps Gigabit Ethernet Interface
- USB Interface Support

Hardware Specification

AP-SDRS5000 HD NVR Storage Server

High End Processor

- High Performance Computing Power
- Main Processor Board
  - Network Interface
    - One(1) 10/100/1000Mbps Gigabit Ethernet
  - Video Output Interface
    - RGB Video Output
  - USB 2.0 Interfaces for Mouse, Keyboard, etc
- Hard Disk Board
  - Module Type Design
  - Up Five(5) Hard Disk Slots
  - 10~20 Tera HDD Capacity
- Power Supply
  - Dual Power Supply for Power Redundancy
  - Module Type Power Supply

Hardware Specification

AP-SDRS5000 HD NVR Storage Server

High End Processor

AP-SDRS5000 Front Side

RGB Interface

USB Interface for Mouse, Keyboard, etc

Gigabit Ethernet Interface

HDD Access Indication LAMP

Processor Board

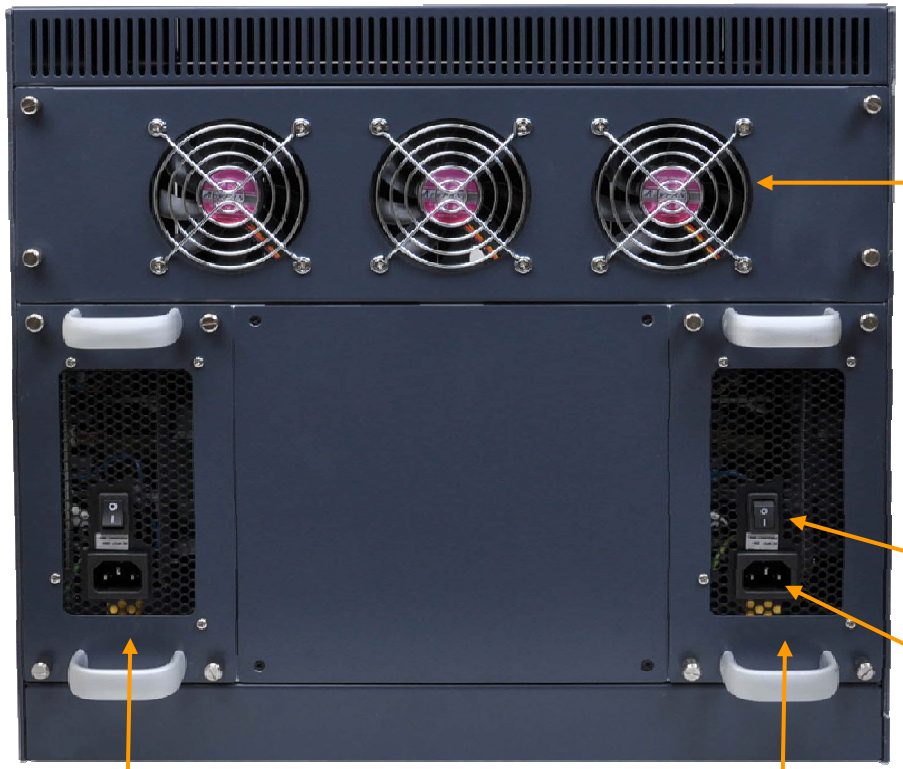
Hard disk Board

Hardware Specification

AP-SDRS5000 HD NVR Storage Server

High End Processor

AP-NR5000 Back Side



HD NVR Storage Server Features

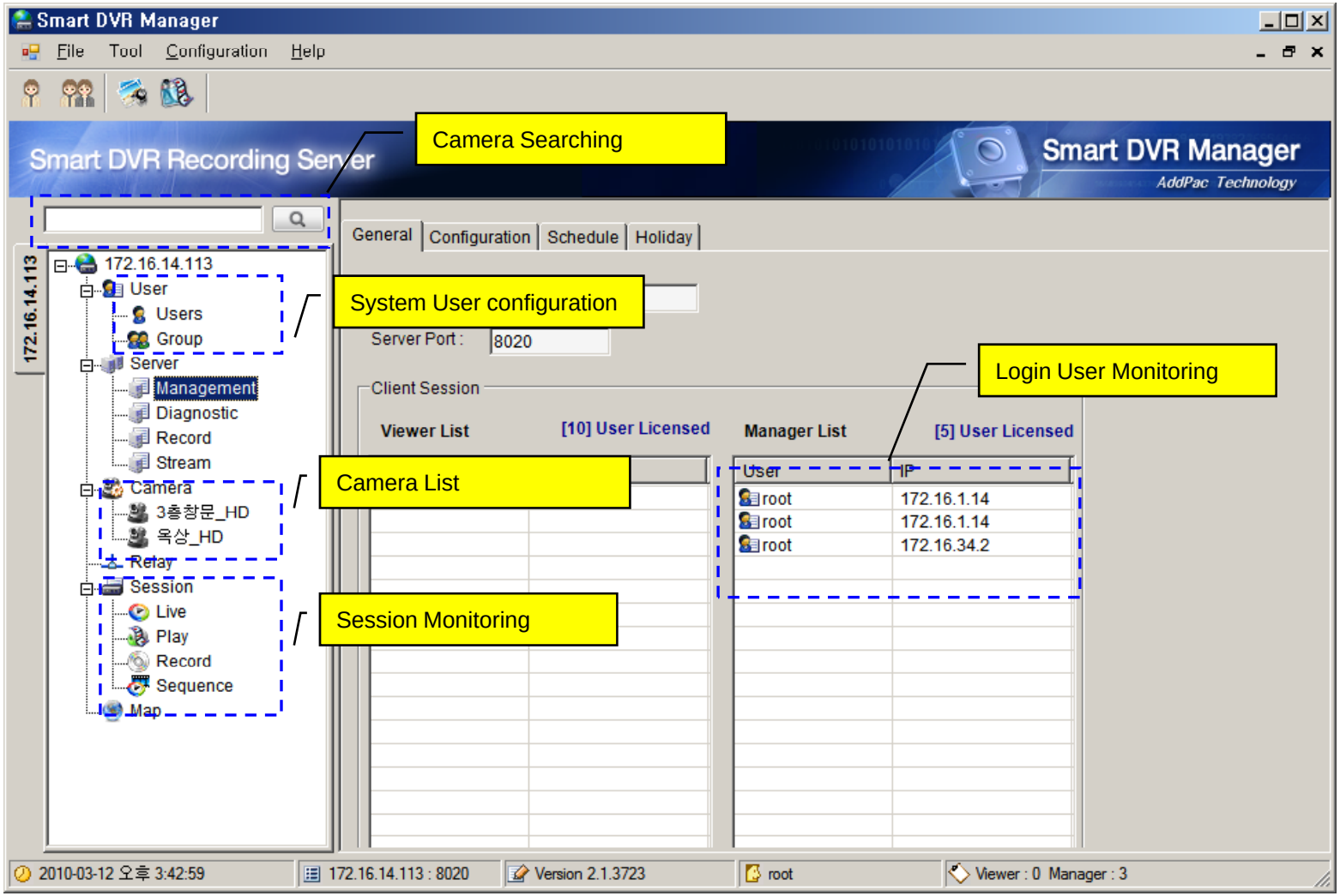
- Encoder / Decoder Interface
  - UDP/RTP
  - RTSP (Real Time Streaming Protocol)
- Recording
  - Manual Recording
  - Schedule Based Recording
  - Recording Monitoring
  - Recording Media File Maintenance
- Management
  - Web Based Management
  - Smart DVR Manager (SDM)
  - SNMP (Simple Network Management Protocol)

Smart DVR Manager

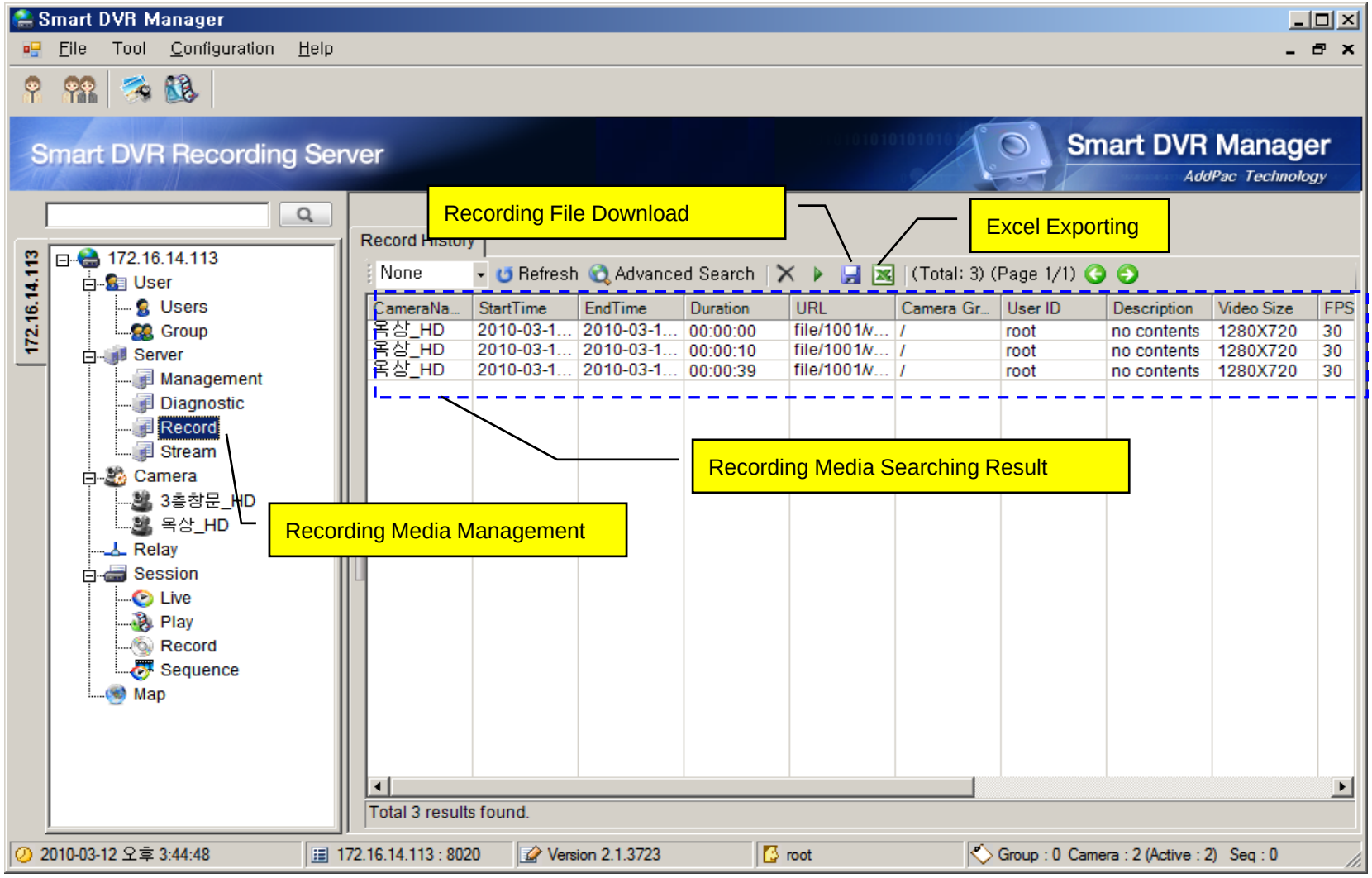
Smart DVR Manager Features

- System Management
  - User, Group Management
  - Camera Management
  - Schedule Management
- Recording
  - Recording Start/Stop
  - Recording Media File Searching and Maintenance
  - File Download and Excel Exporting
- Monitoring
  - System Resource Monitoring (CPU, Memory, HDD and etc)
  - Live Session Monitoring
  - Media File Play Session Monitoring

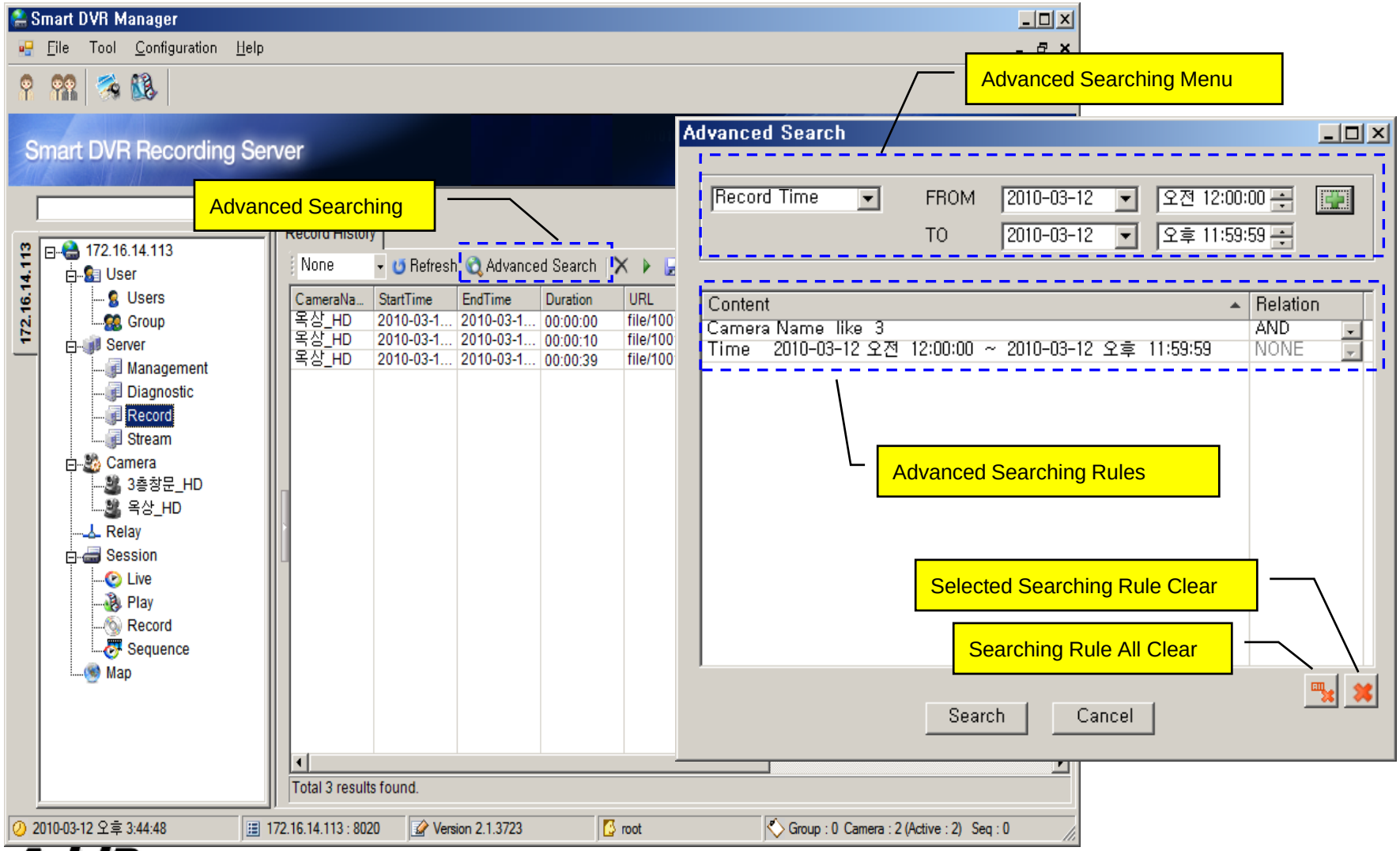
Smart DVR Manager : Main Layout



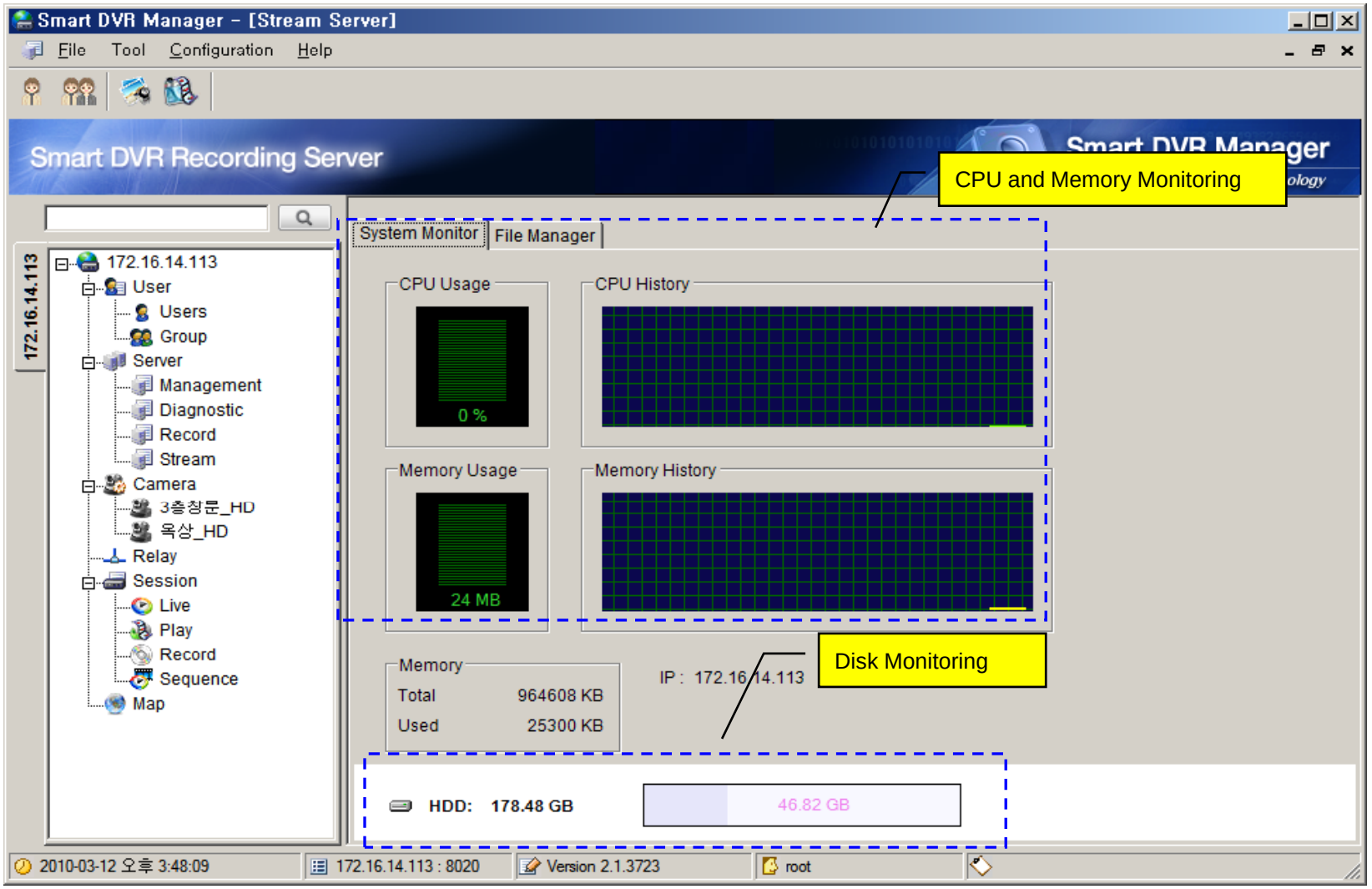
Smart DVR Manager : Recording File Searching



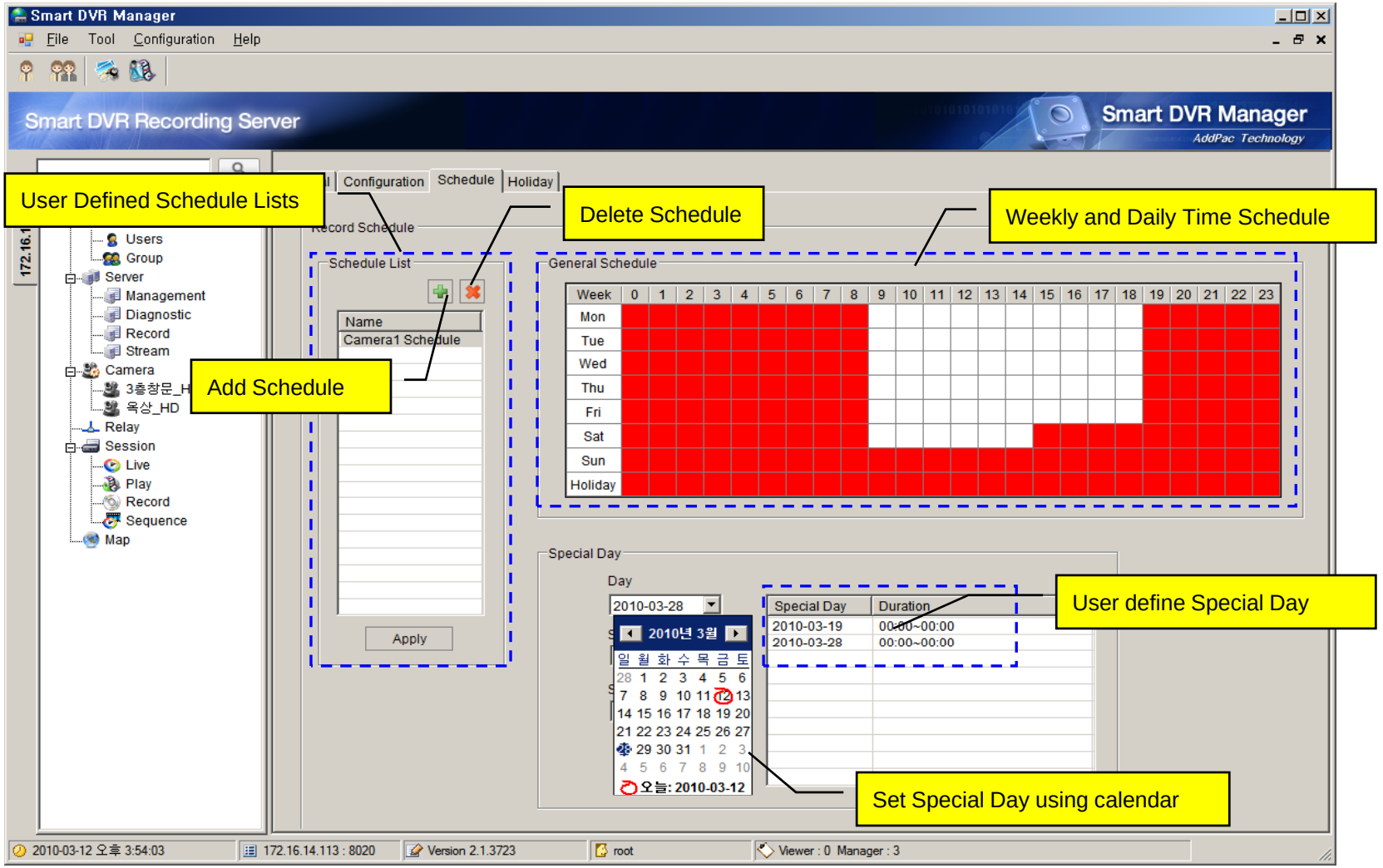
Smart DVR Manager : Advanced Recording Searching



Smart DVR Manager : System Monitoring



Smart DVR Manager : Schedule

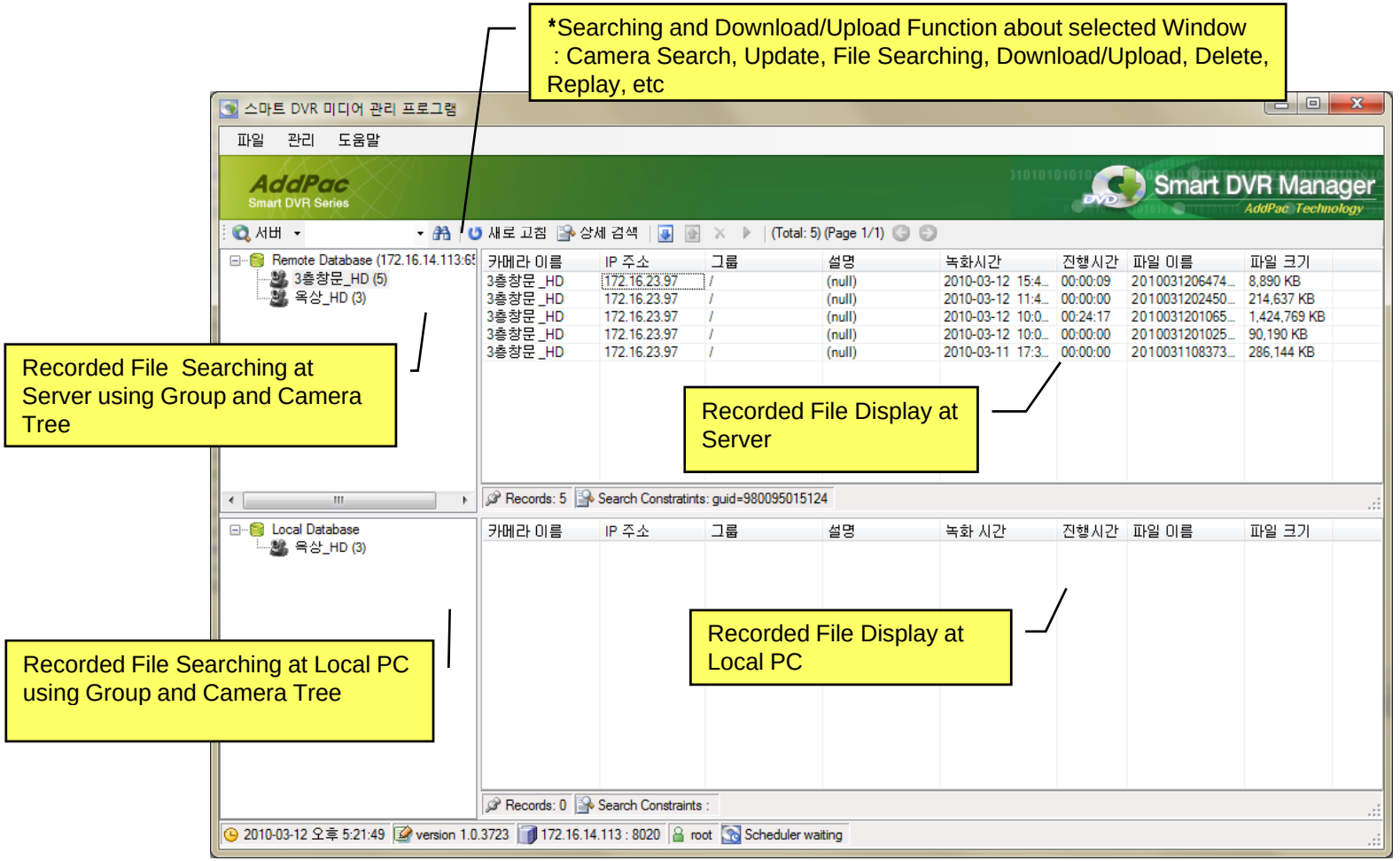


Smart DVR Media Manager

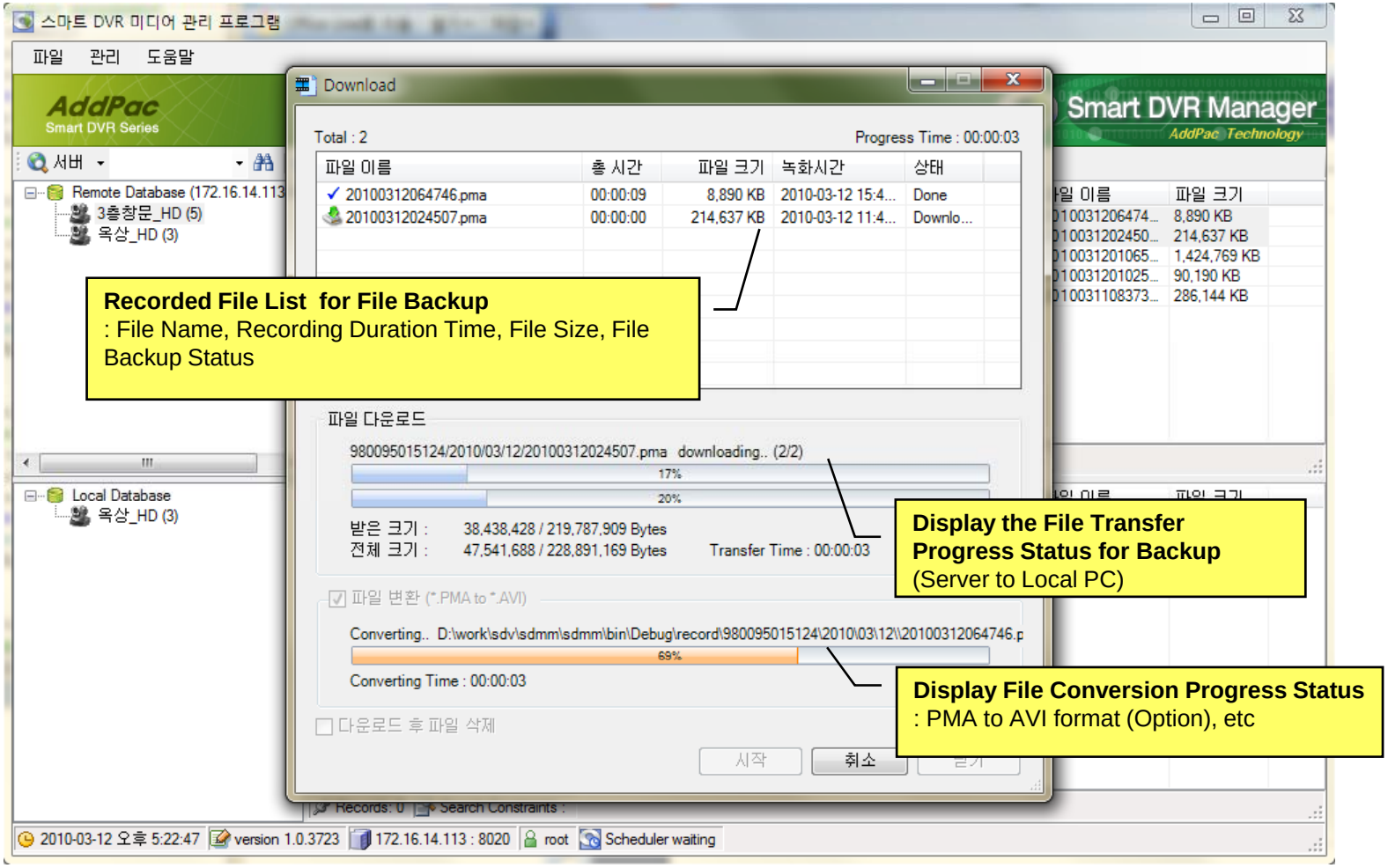
Smart DVR Media Manager Features

- Recording History Searching
- Recording History Management
- Recording File Upload / Download
- Play Recording Media File
- Schedule Backup
- Event History

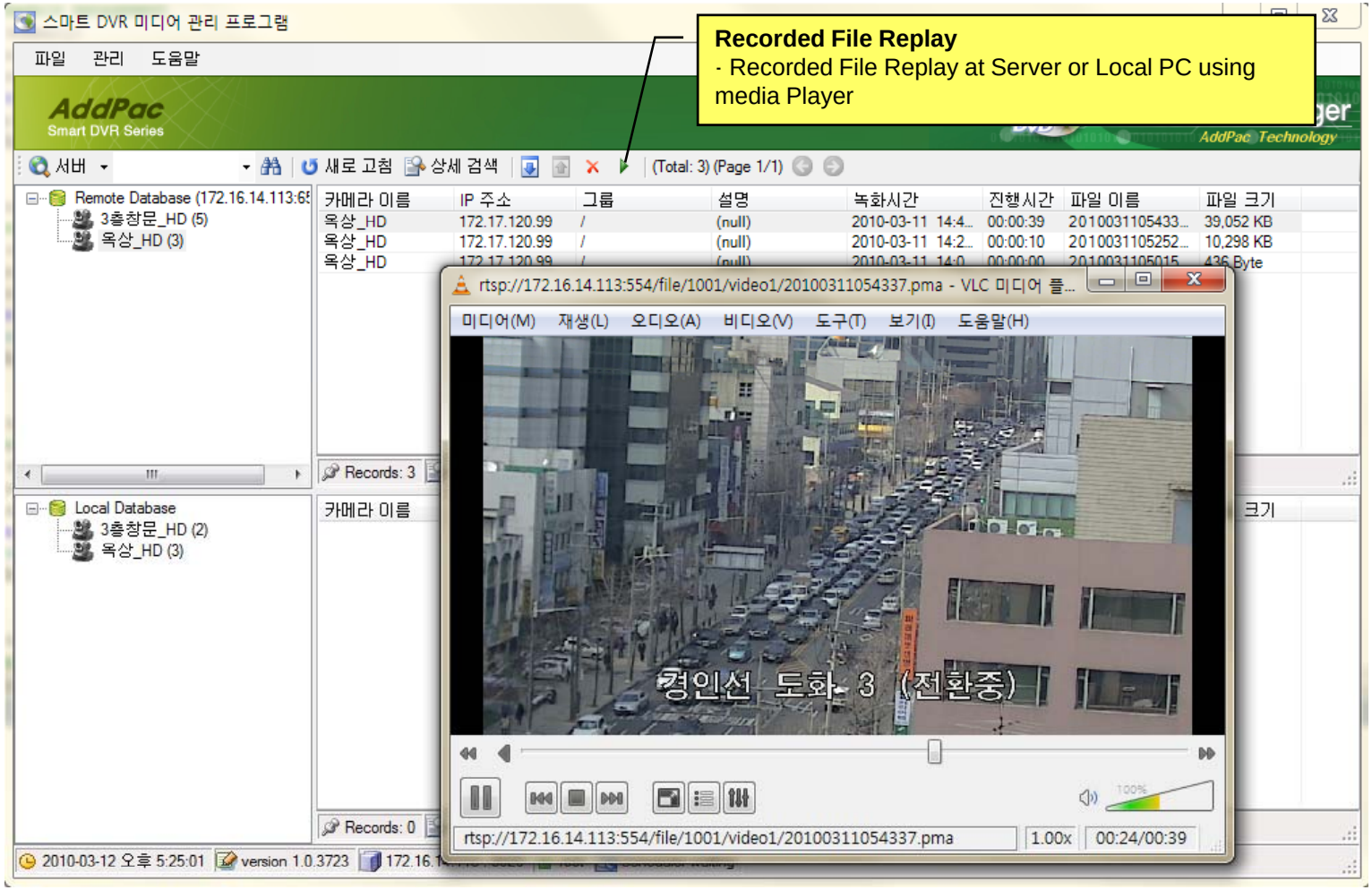
Smart DVR Media Manager : Main Layout



Smart DVR Media Manager : Recorded File Upload / Download

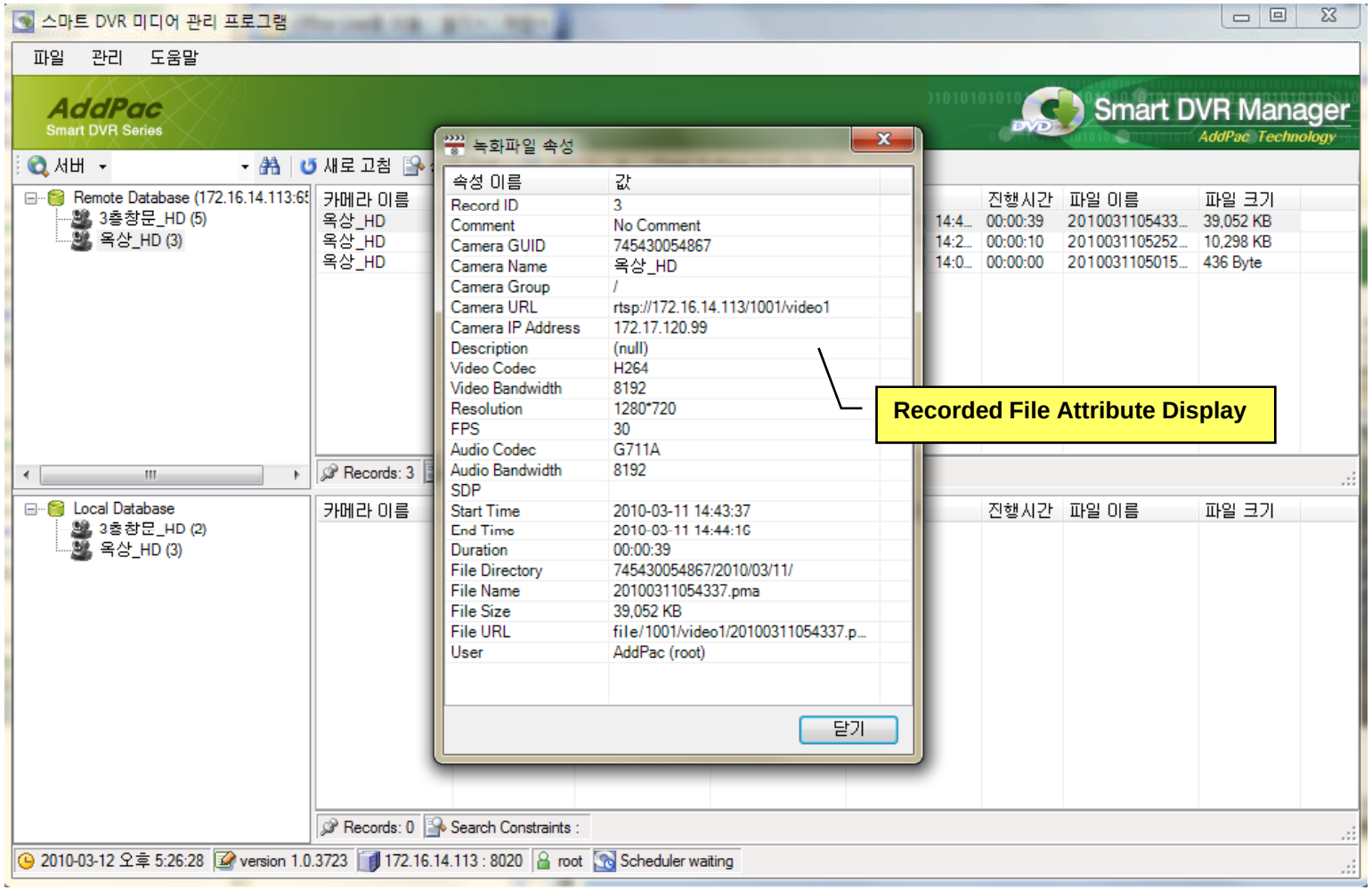


Smart DVR Media Manager : Media Replay

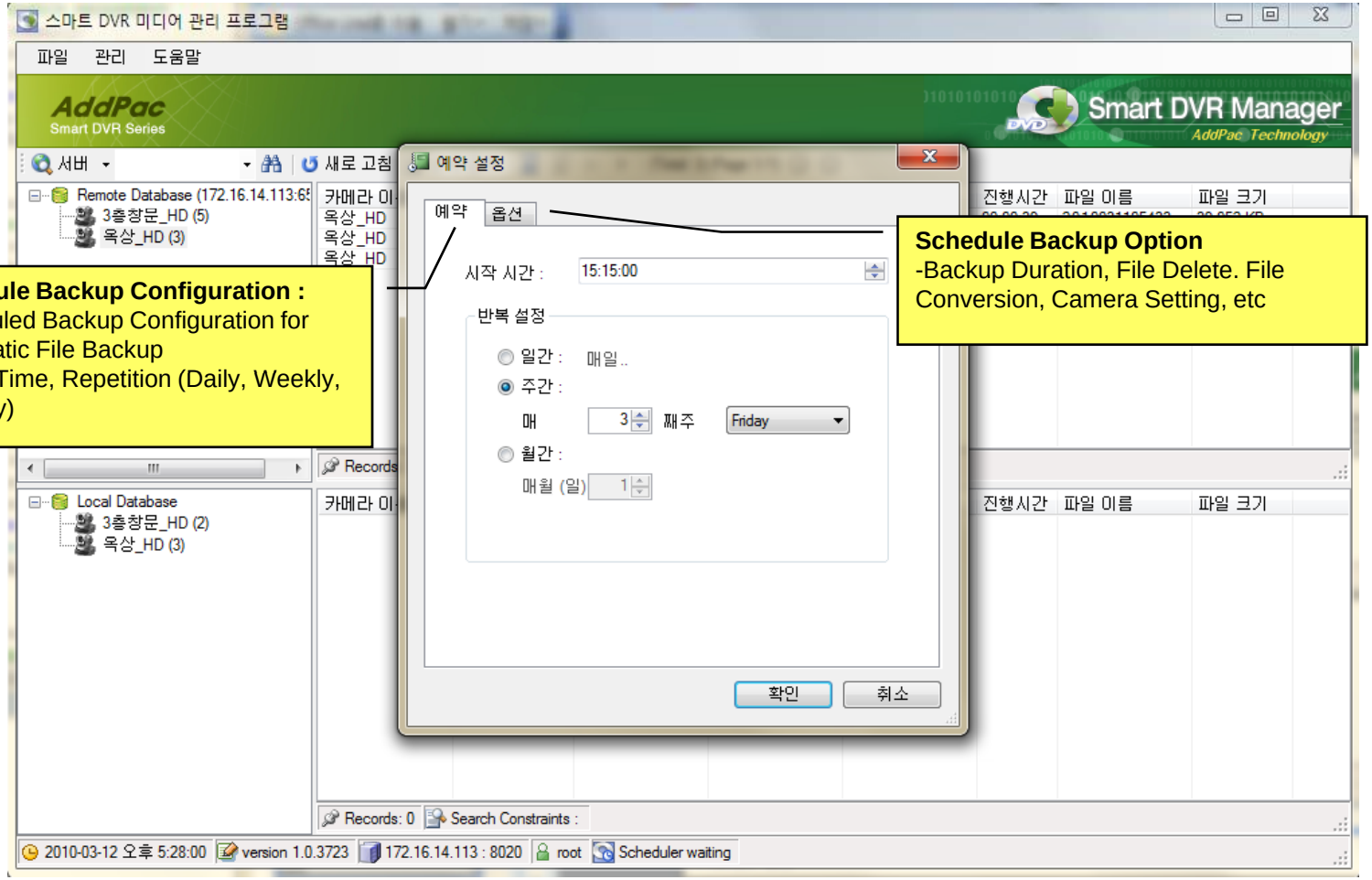


Recorded File Replay
- Recorded File Replay at Server or Local PC using media Player

Smart DVR Media Manager : Media File Attribute



Smart DVR Media Manager : Schedule



Schedule Backup Configuration :
Scheduled Backup Configuration for Automatic File Backup
- Start Time, Repetition (Daily, Weekly, Monthly)

Schedule Backup Option
-Backup Duration, File Delete. File Conversion, Camera Setting, etc

Ordering Information

- **AP-SDRS5000 Network Voice Recording Server Hardware**
  - AP-SDRS5000 Main Body
  - 1-port 10/100/1000Mbps Gigabit Ethernet
  - Up to Five(5) SATA Hard Disk
  - Dual Power Supply
  - Including Network Cable Set & Power Supply Cable, etc.
- **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!

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Sales and Marketing

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