

# AP-NC500™

## D1 Video Codec

High-performance Network Surveillance Solution

RTSP based Concurrent Multi-Codec  
Service Features



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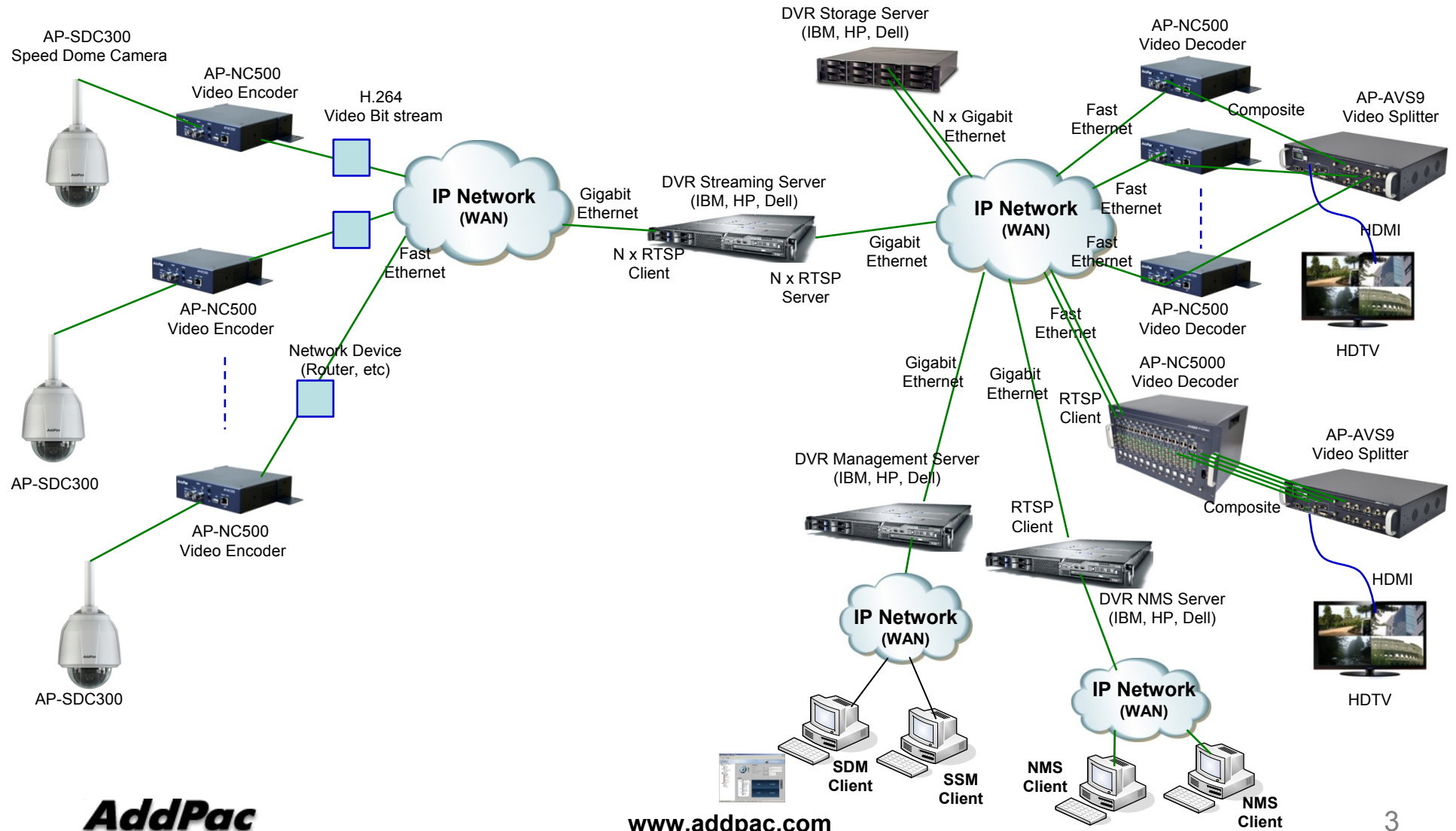
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2010, Sales and Marketing

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# Network DVR Service Diagram



# Main Features

## AP-NC500 Video Codec

### Main Features

- IP based Audio/Video Encoding/Decoding Solution
- Various Video Codec Support : H.264, MPEG4
- Up to D1 Video Resolution
- RTSP, TCP/UDP Protocol Support
- 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
- External DC Power Supply Adaptor
- Compact Chassis

# Hardware Specification

## AP-NC500 Video Codec

### Hardware Specification

### AP-NC500 Front View



Video In/Out Port



Power On/Off Switch

[www.addpac.com](http://www.addpac.com)

DC Power Supply

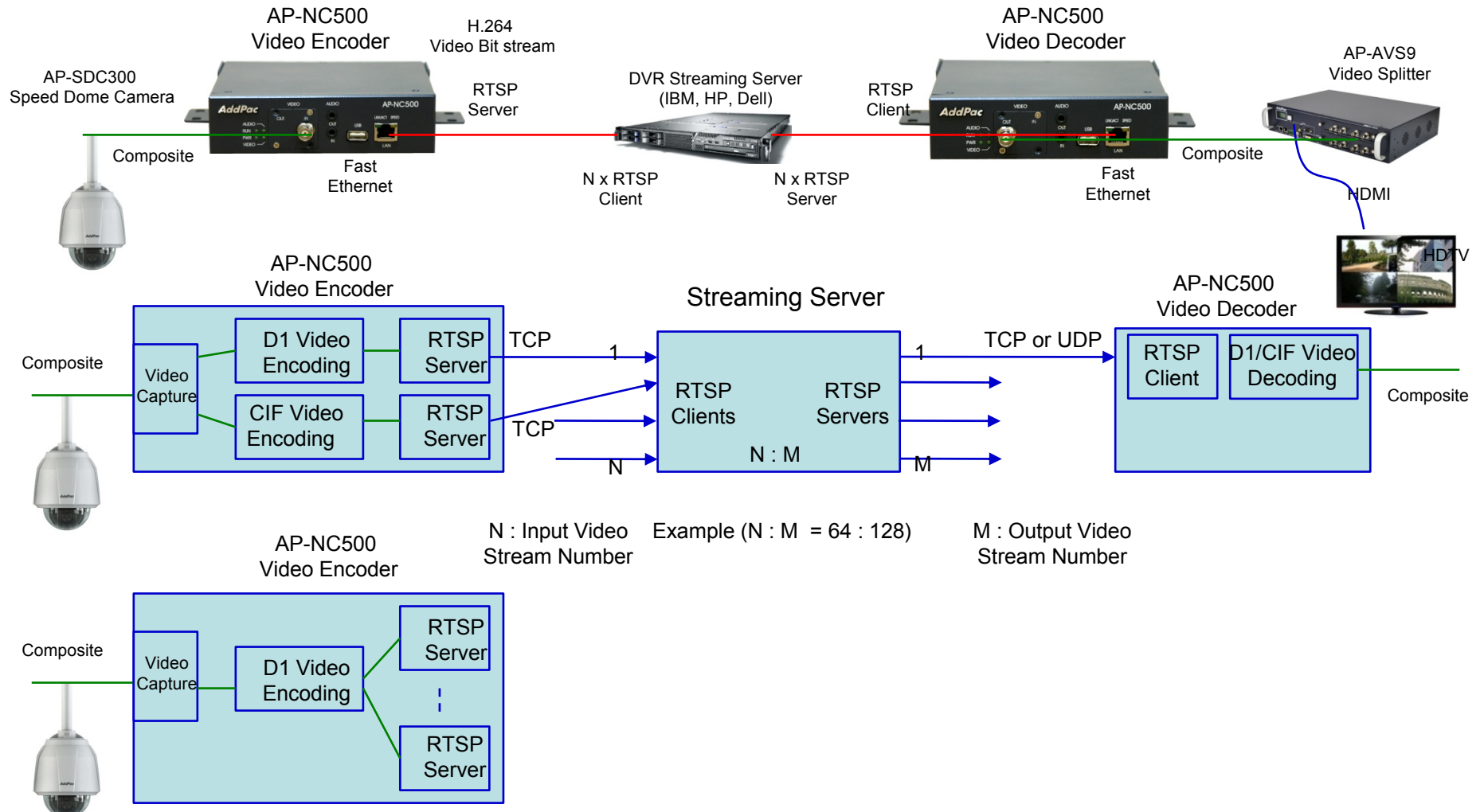
RS-232C, RS422 Interface

2 Alarm Input, 1 Relay Out

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# RTSP Service Network Diagram

## AP-NC500 Video Codec



# RTSP Service Features

## AP-NC500 Video Codec

- AP-NC500 Video Encoder Mode
  - RTSP Server Mode
  - Multi-Channel RTSP Server Mode  
(D1, CIF Dual Encoding Mode or Dual D1, etc)
  - RTSP, TCP Protocol Support for Error Robust Service
- AP-NC500 Video Decoder Mode
  - RTSP Client Mode
  - RTSP/TCP or RTSP/UDP Mode Support

# Video Codec Service Features

## AP-NC500 Video Codec

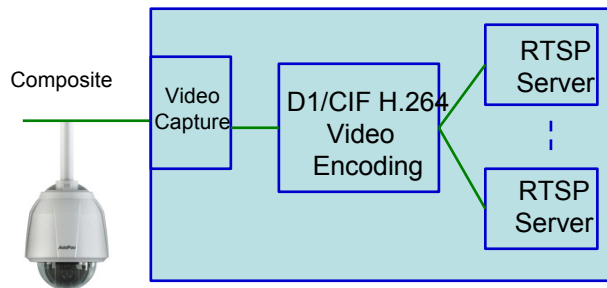
- AP-NC500 Video Encoder Mode
  - H.264 D1(720x480) Single Encoding
  - H.264 CIF(352x288) Single Encoding
  - MPEG4 D1 Single Encoding
  - MPEG4 CIF Single Encoding
  - H.264 D1, H.264 CIF Dual Encoding
  - MPEG4 D1, MPEG4 CIF Dual Encoding
  - H.264 D1, MPEG4 CIF Dual Codec, Dual Encoding
  - MPEG4 D1, H.264 CIF Dual Codec, Dual Encoding
- AP-NC500 Video Decoder Mode
  - H.264 D1
  - H.264 CIF, Upscale to D1
  - MPEG4 D1
  - MPEG4 CIF, Upscale to D1



# Video Codec Service Features

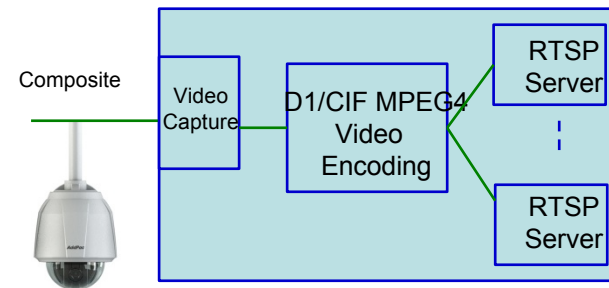
## AP-NC500 Video Codec

**AP-NC500  
Video Encoder**

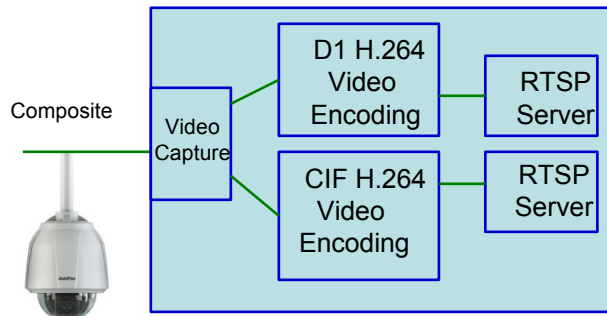


Single H.264 Video Encoding

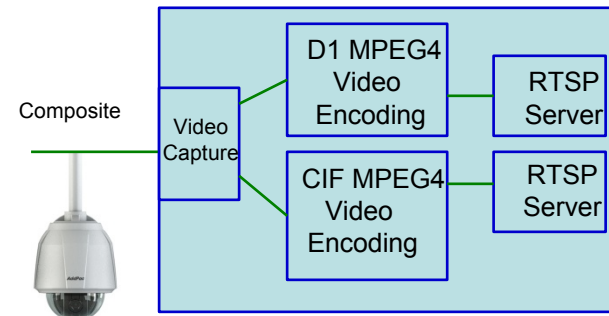
**AP-NC500  
Video Encoder**



Single MPEG4 Video Encoding



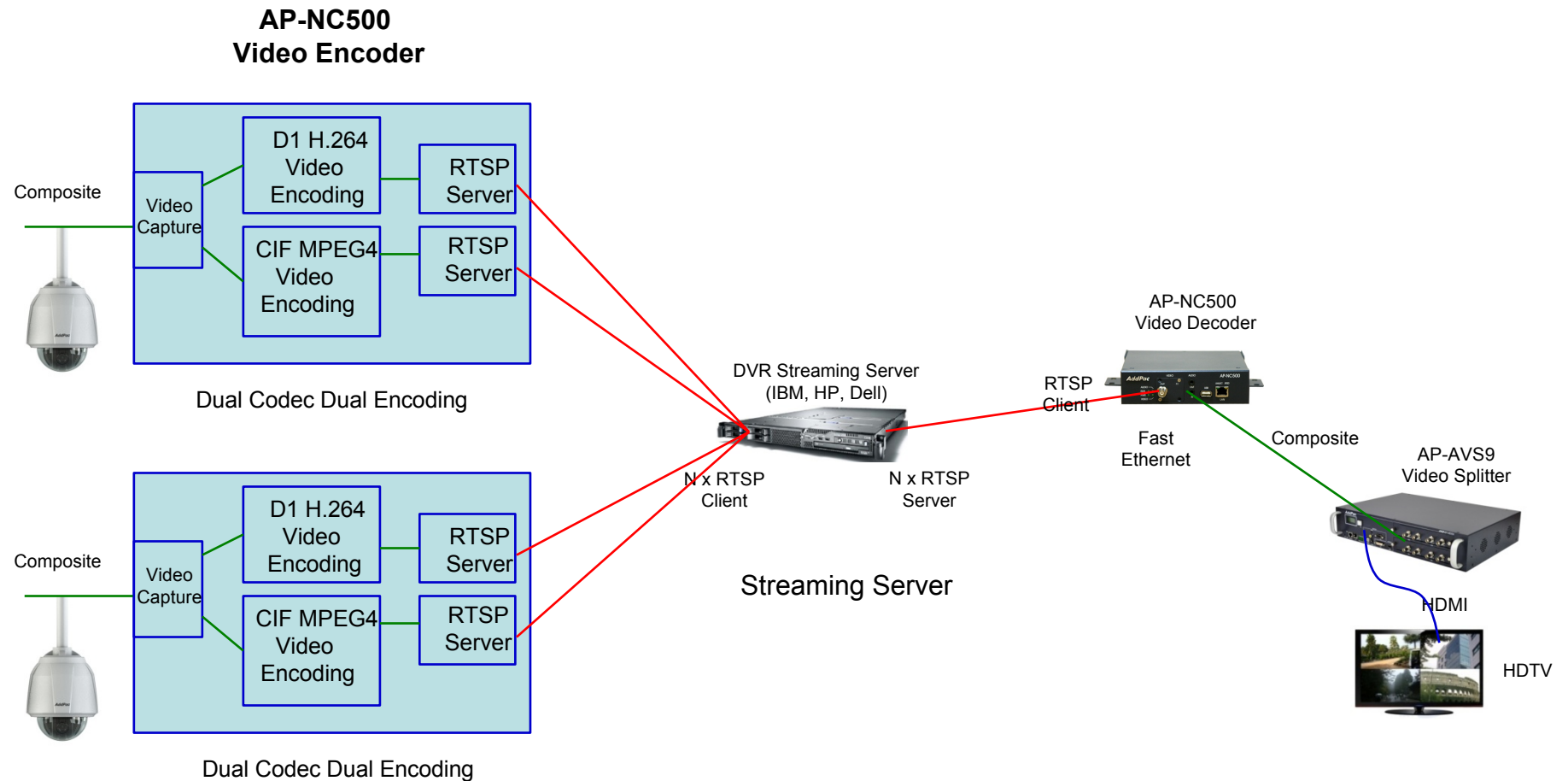
H.264 Dual Video Encoding



MPEG4 Dual Video Encoding

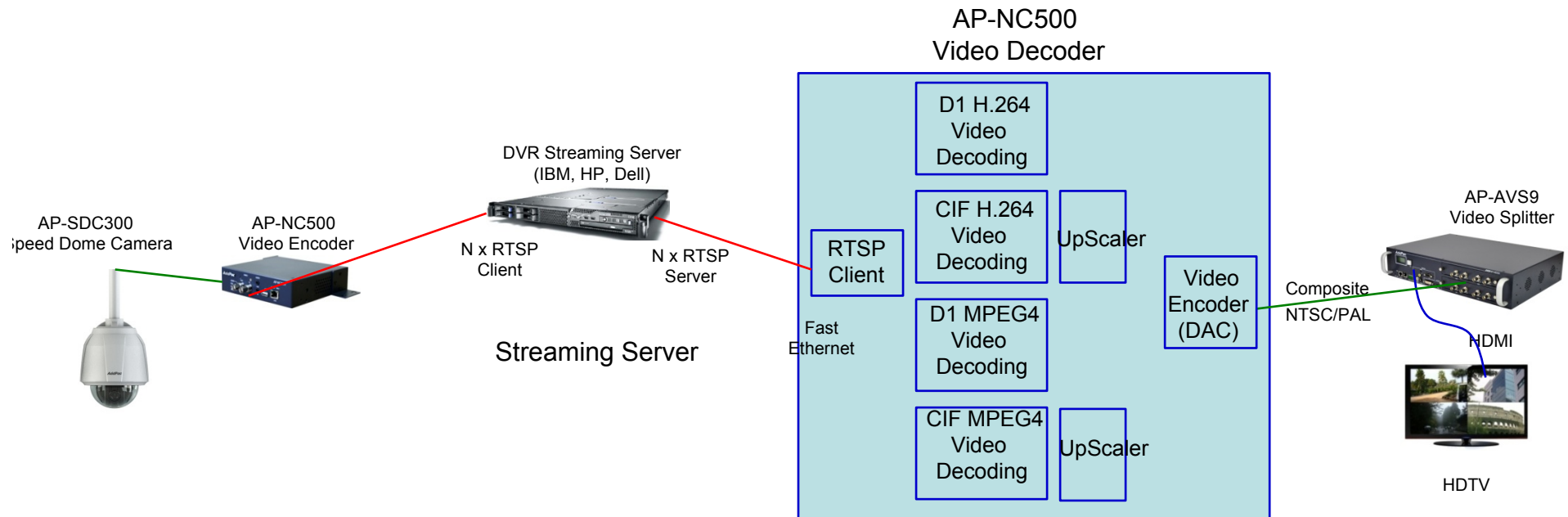
# Video Codec Service Features

## AP-NC500 Video Codec



# Video Codec Service Features

## AP-NC500 Video Codec





# Thank you!

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