4/8/12 Channel Network HD DVR Solution



Preliminary Product Overview

(Without notice, following described technical spec. can be changed)





AddPac

AddPac Technology

2012, Sales and Marketing

www.addpac.com

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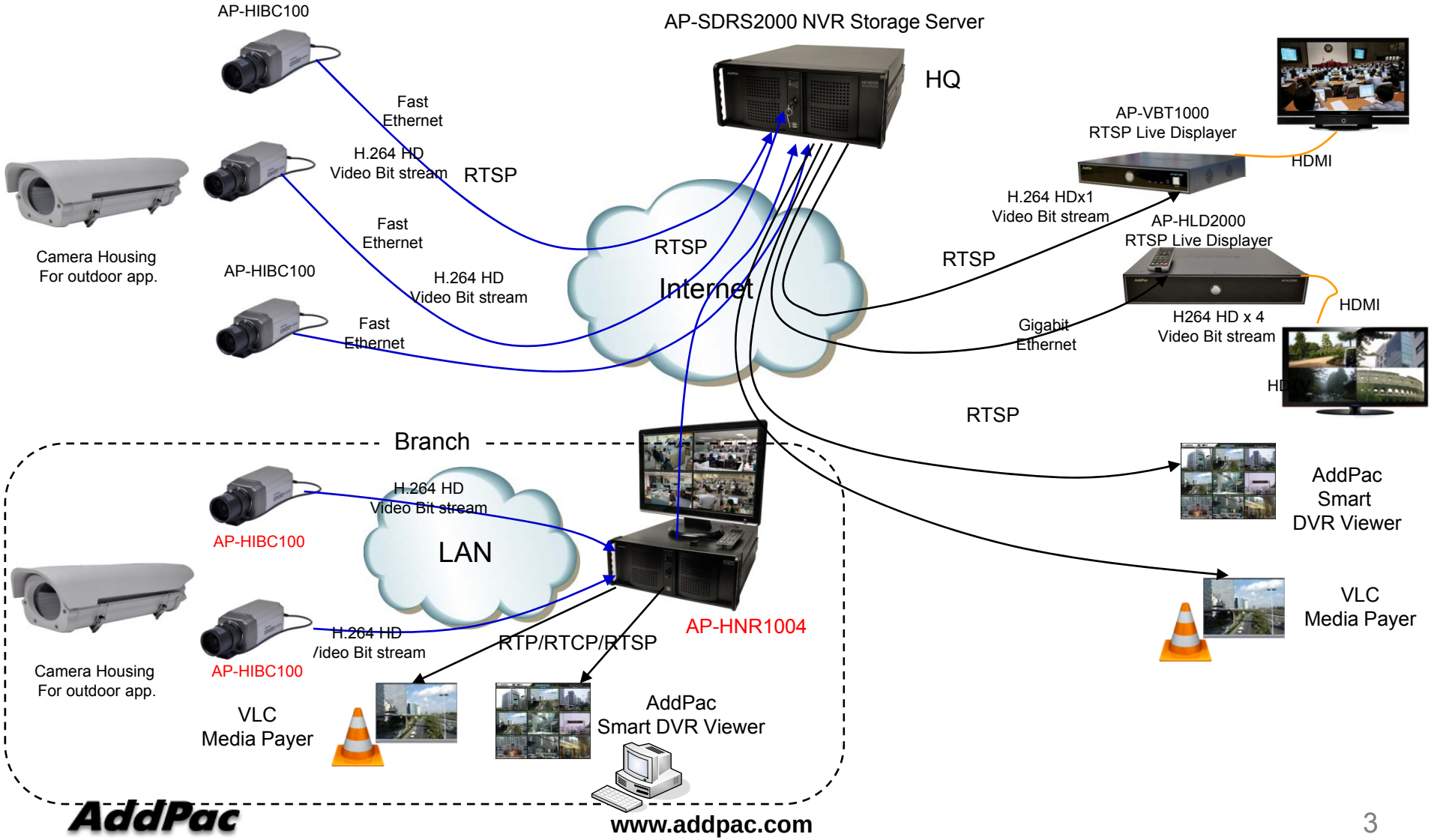
  - HD Standalone Network DVR : AP-HNR1004
  - HD IP Box Camera : AP-HIBC100
  - HD Camera Housing for Outdoor

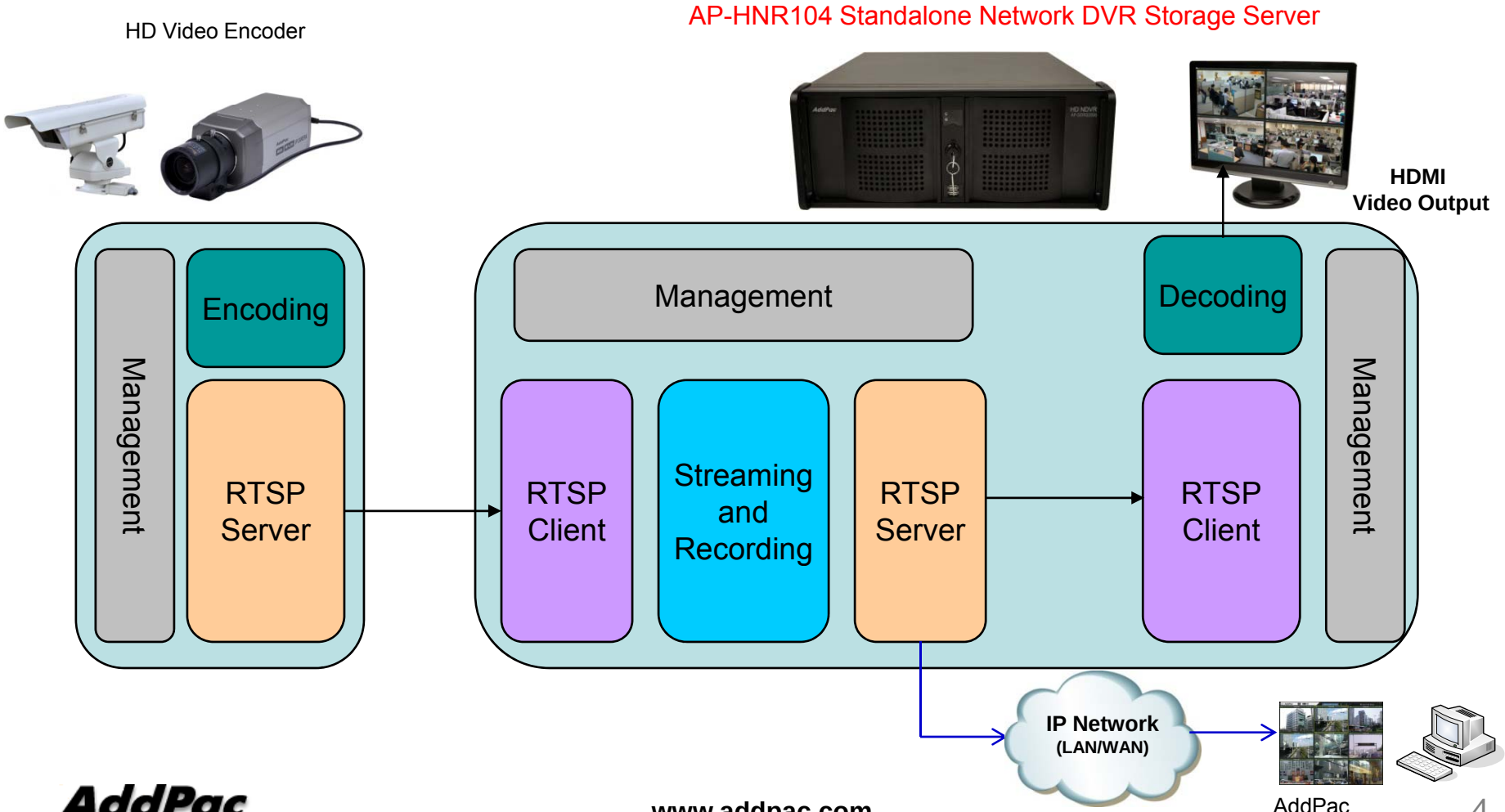


HD Network DVR Service Diagram

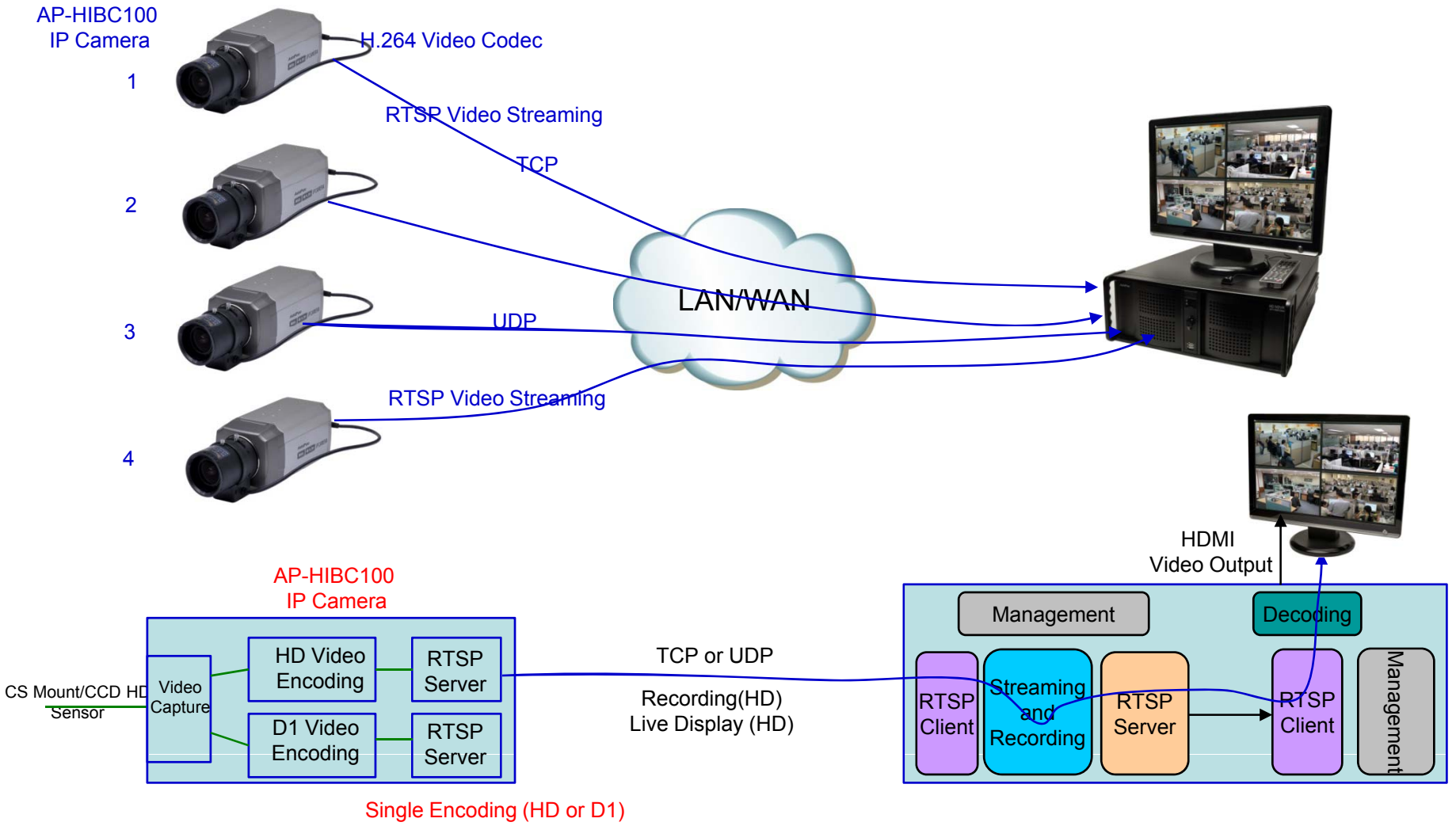


HD Network DVR Protocol Diagram

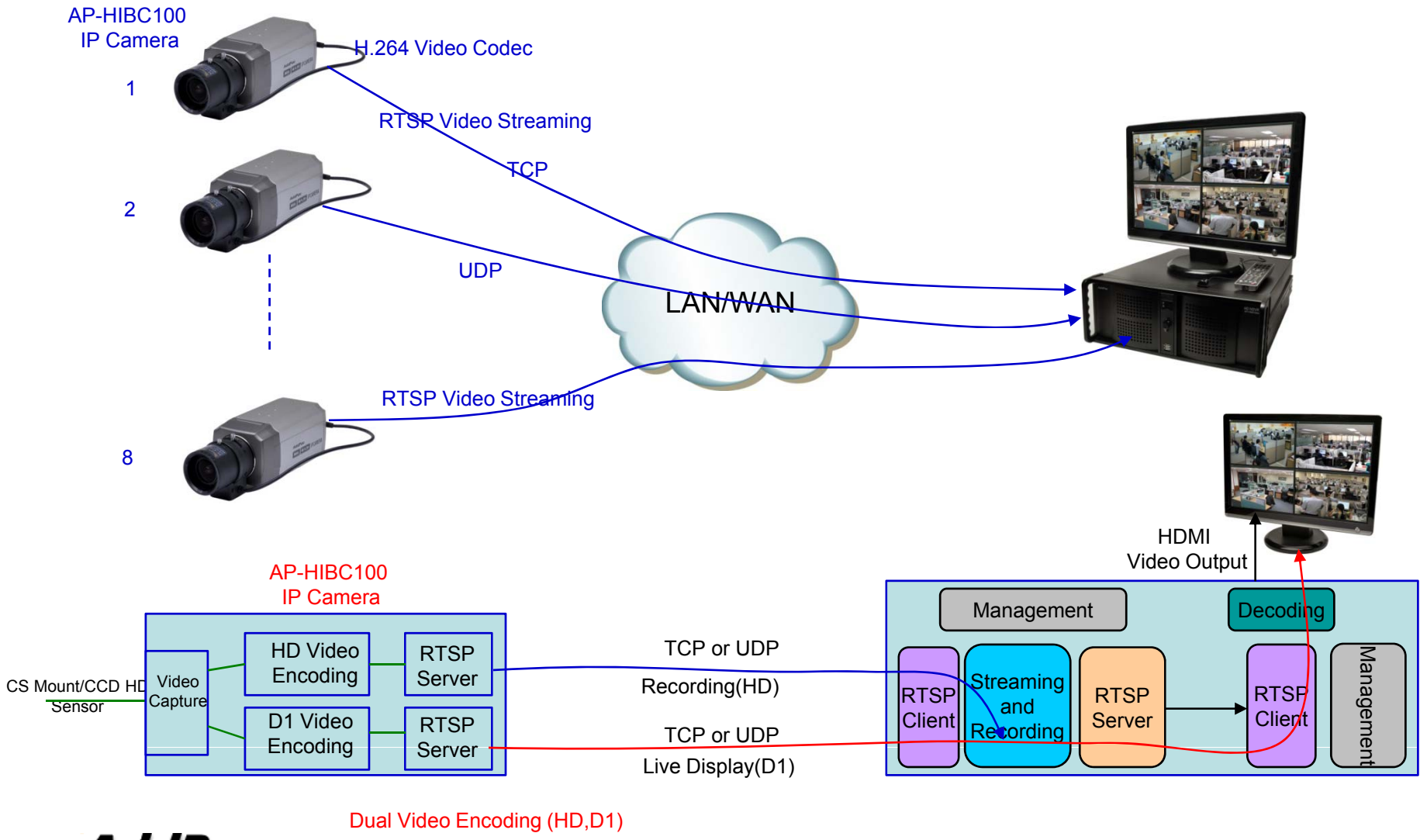
Network DVR Solution (All in One)



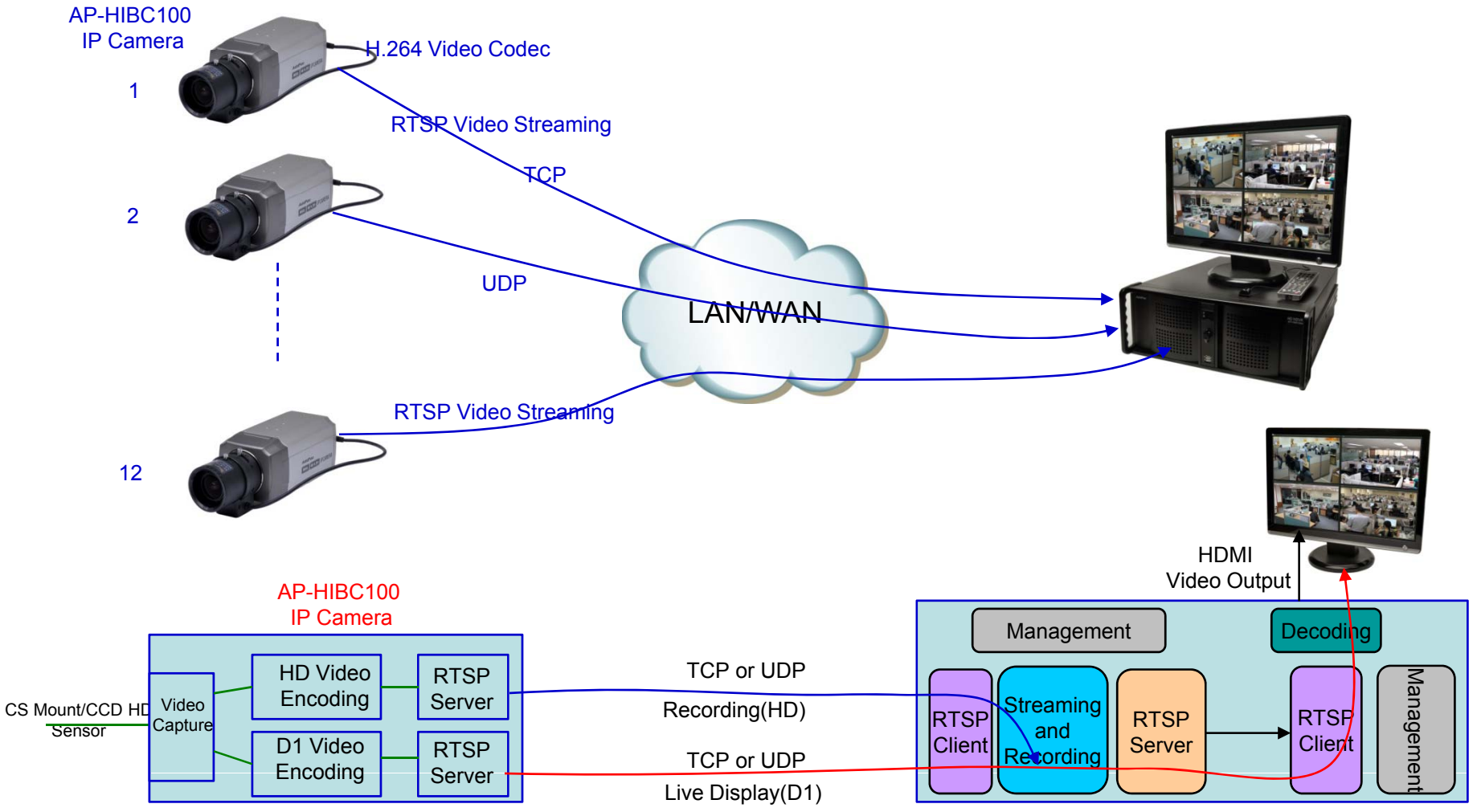
4Ch Network DVR Service Diagram



8Ch Network DVR Service Diagram



12Ch Network DVR Service Diagram



HD Network DVR Solution Components

HD Network DVR Solution Components

HD Standalone Network DVR Server : AP-HNR1004	
HD IP Box Camera : AP-HIBC100	
Camera Housing for Outdoor Application : AP-HIBC-H100	

AP-HNR1004
HD Standalone Network DVR

Product Overview

AP-HNR1004 HD Standalone Network DVR

- High-Performance HD Standalone Network DVR Features
- H.264 Video Codec BP/MP/HP
- HD, D1 Video Resolution Support
- Video Out : HDMI, DVI, RGB Interface
- 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)
- One(1) DVD Writer for Video File Backup
- One(1) 10/100/1000Mbps Gigabit Ethernet Interface
- IR Input interface for Remote Control (Remocon)
- USB Interface Support (Front Side, Back Side)

Hardware Specification

AP-HNR1004 HD Standalone Network DVR

High End Processor

- High Performance Computing Power
- Main Chassis
  - Network Interface
    - One(1) 10/100/1000Mbps Fast Ethernet
  - Video Output Interface
    - HDMI, DVI,RGB Video Output
  - USB 2.0 Interfaces for Mouse, Keyboard, etc
  - IR Input port for Remote Control
  - Up to Four(4) Hard Disk

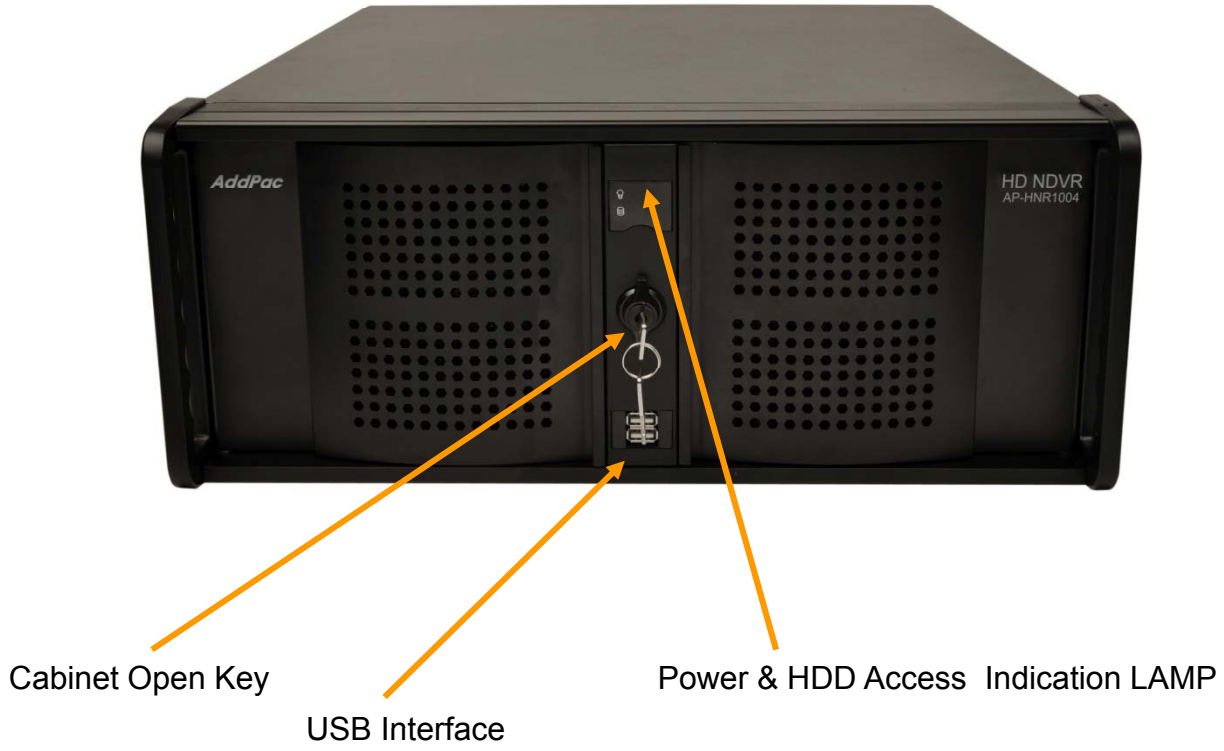


Hardware Specification

AP-HNR1004 HD Standalone Network DVR

High End Processor

AP-HNR1004 Front Side

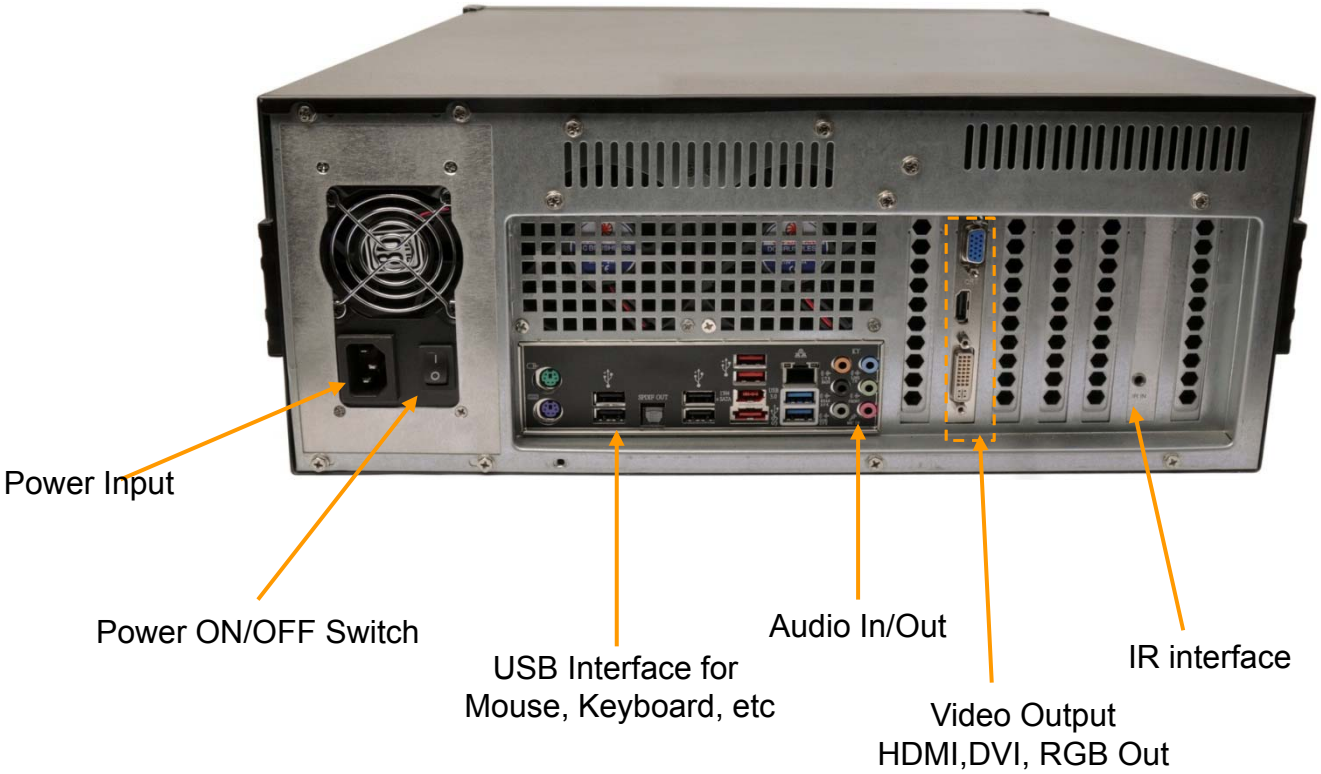


Hardware Specification

AP-HNR1004 HD Standalone Network DVR

High End Processor

AP-HNR1004 Back Side



Smart DVR Viewer

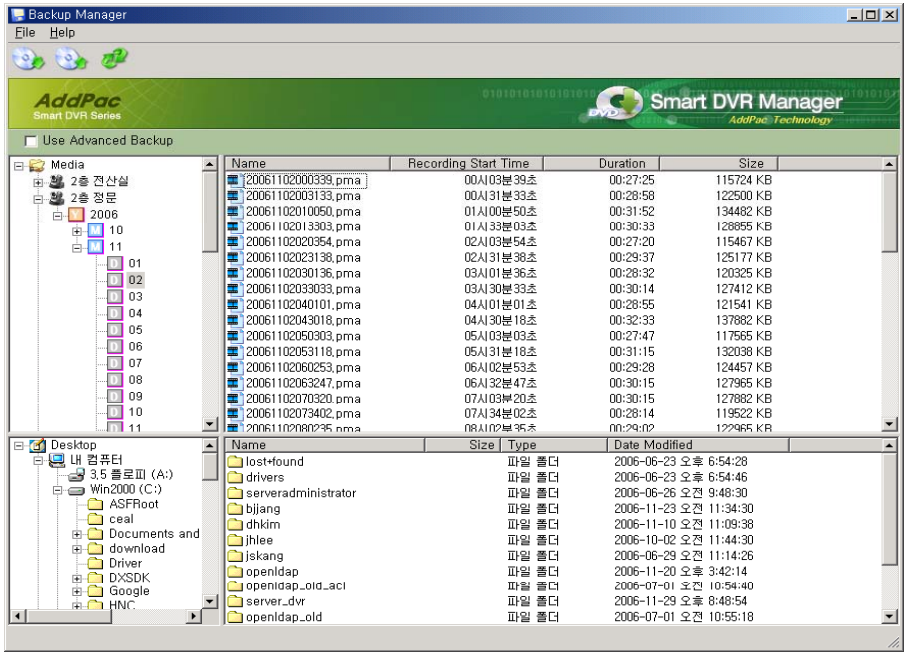
AP-HNR1004 HD Standalone Network DVR



- Multi-Standalone DVR Server Support
- PAN/TILT/ZOOM Control, Layout & Screen Mode Change
- Multi-Live View, Multi-Recording View, Time Synchronization View
- Fast Search, Jog Shuttle Slow Motion & Rewind
- Recording ZOOM View
- Audio/Video Support.

Smart DVR Backup Manager

AP-HNR1004 HD Standalone Network DVR



- DVR Backup Software for AddPac DVR Solution
- User can backup DVR data by using DVR Backup Manager.
- Support the Advanced Backup Function
- Support the Backup Data Restore Function
- DVD Burning Support

AP-HIBC100
HD IP Box Camera

Product Overview

AP-HIBC100 HD IP Box Camera

- High-End Programmable DSP Hardware Architecture
- High-Performance HD IP Camera Features
- High Quality H.264 High Profile Video Encoder Support
- 1.3 Mega Pixel CCD Sensor
- Up to 720P(1280 x 720) Resolution, Various Video Resolution Support
- CS Mount Interface
- RTSP Streaming Service Protocol Support
- Dual Video Encoding (ex : 720P, D1) Support
- Powerful Management and User Friendly Features
- Smart Web Manager Support
- Fault Tolerant and Scalability Architecture
- Firmware Upgradeable Architecture
- Network Interface
  - One(1) 10/100M Fast Ethernet Interface
- MIC In Interface for Audio Recording
- Audio Out Interface for Broadcasting, Announcement
- CVBS Interface for External Video Monitoring

Hardware Specification

AP-HIBC100 HD IP Box Camera

High-End RISC+ VP

- RISC + Video Processor Computing Power
- Main Chassis
  - Network Interface
    - One(1) 10/100Mbps Fast Ethernet
    - One(1)-Port RS485 Interface
  - Audio Interface
    - One(1) Audio 3.5mm Input/Output Channel
    - Two-Way
  - CVBS Video Out Interface
  - Camera Features
    - Up to 720P(1280x720) Resolution
    - 1/3Inch CCD Camera Sensor
    - 1.3 Mega Pixel
  - I/O Interface
    - 2 Alarm Input, 1 Relay
  - Power
    - External DC12V Power Supply
    - PoE(Power over Ethernet) Support



Hardware Specification

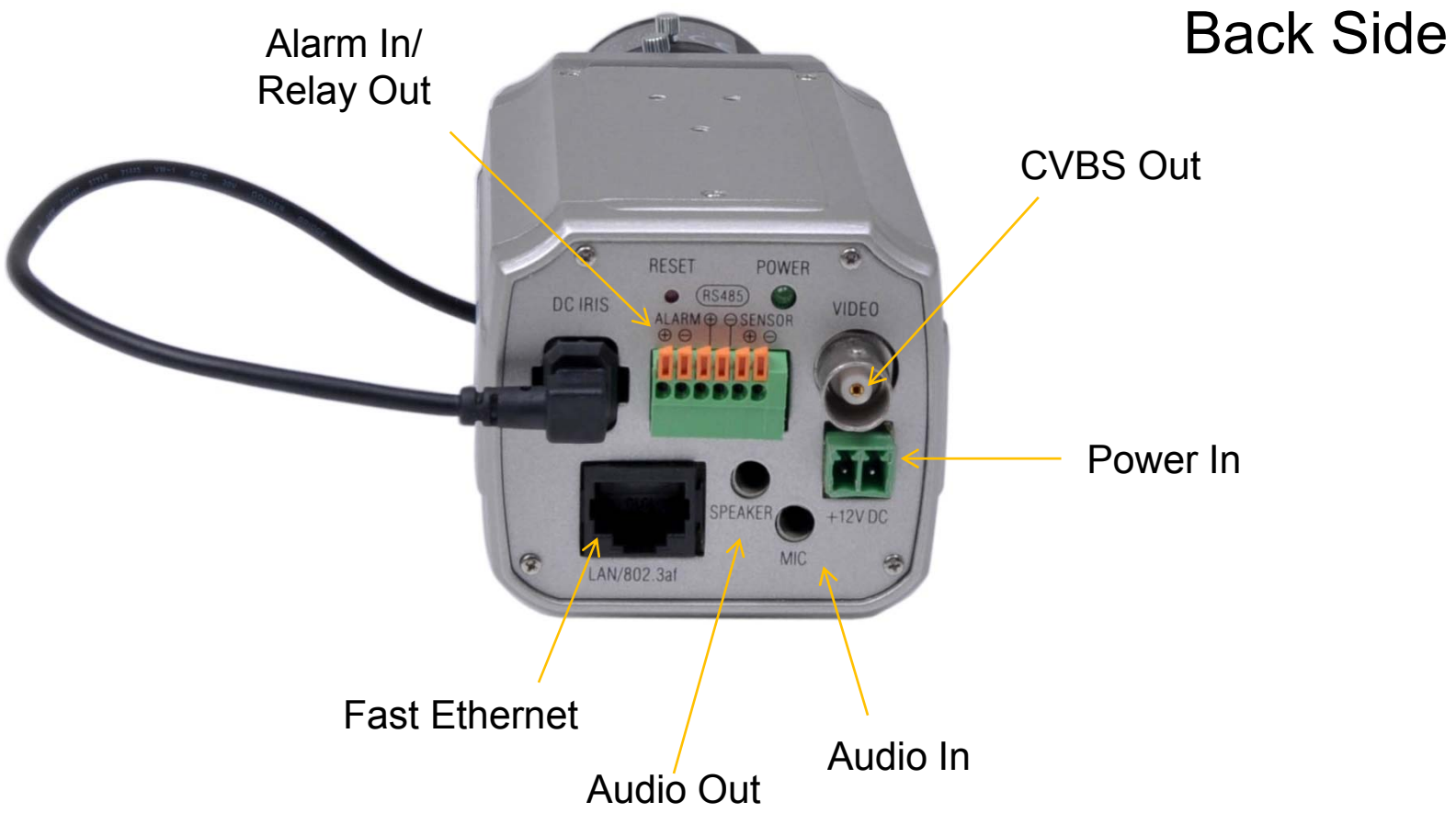
AP-HIBC100 HD IP Box Camera

Front Side



Hardware Specification

AP-HIBC100 HD IP Box Camera



Camera Housing for Outdoor Application

Front Side







Back Side



Housing Open



Thank you!

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