

AV6000

Full HD Video Codec Module

High-performance Network Surveillance Solution

Full HD/HD/D1/CIF Quadruple Video Encoding
Service Features for 3G Smart Phone



AddPac

AddPac Technology

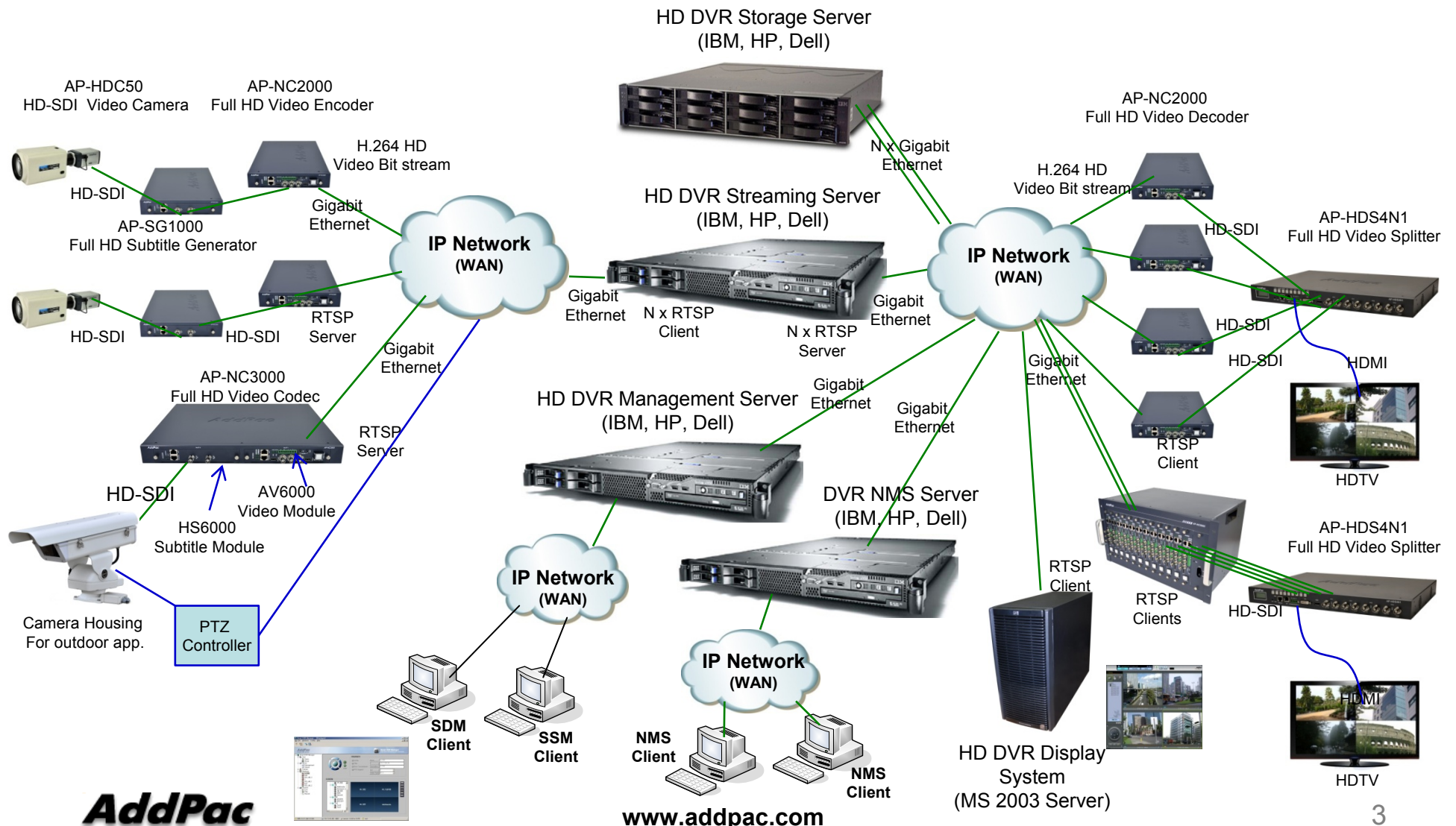
Sales and Marketing

www.addpac.com






Contents

- Full HD Network DVR Service Diagram
- AP-NC2000, AP-NC3000, AP-NC3500, AP-NC5000 Hardware Platform
- AV6000 Main Features
- AV6000 Hardware Specification
- AV6000 RSTP Service
- Video Codec Service Features

Full HD Network DVR Service Diagram



AP-NC2000, AP-NC3000, AP-NC5000 Platform

	AP-NC2000D	AP-NC2000	AP-NC3000	AP-NC3500	AP-NC5000
Model					
Module Slot	1 Module Slot	1 Module Slot	2 Module Slots	4 Module Slots	10 Module Slots
Power Supply	External Power Supply(DC)	Internal Power Module (AC)	Internal Power Module (AC)	Internal Power Module (AC)	Internal Power Module (AC)
Power Type	Power Adaptor	Built-In	Built-In	Built-In	Module Type

AV6000 Full HD Video Codec Modules

High-end
DSP

Main Features

- Full HD (1080i) Video Encoding/Decoding Service Features
- Video Codec : H.264 HP/MP/BP
- Video Input Interface : HDMI, HD-SDI, Analog (NTSC, PAL)
- Video Output Interface : HDMI, HD-SDI, Analog (NTSC, PAL)
- Dual Bit Streaming Support
- RTSP/RTP, 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
- Web based Management Service
- AP-NC2000D, AP-NC2000, AP-NC3000, AP-NC3500, AP-NC5000 Platform Available

AV6000 Hardware Specification

RISC
CPU

High-End
VP

- **RISC + Video Processor Computing Power**
- **AV6000 Video Module**
 - **Network Interface**
 - One(1) 10/100/1000Mbps Gigabit Ethernet
 - **Video Interface**
 - One(1) Channel HD-SDI Input
 - One(1) Channel HDMI Input
 - One(1) Channel CVBS Input or Output (selected by DIP Switch)
 - One(1) Channel HD-SDI Output
 - One(1) Channel HDMI Output
 - **One(1) RS-232 Console Interface (RJ45)**
 - **Camera Control Interface**
 - One(1) RS-232C, RS422, RS485 Interface for External Camera Control
 - **I/O Interface**
 - Two(2) Alarm Input /One(1) Relay Out

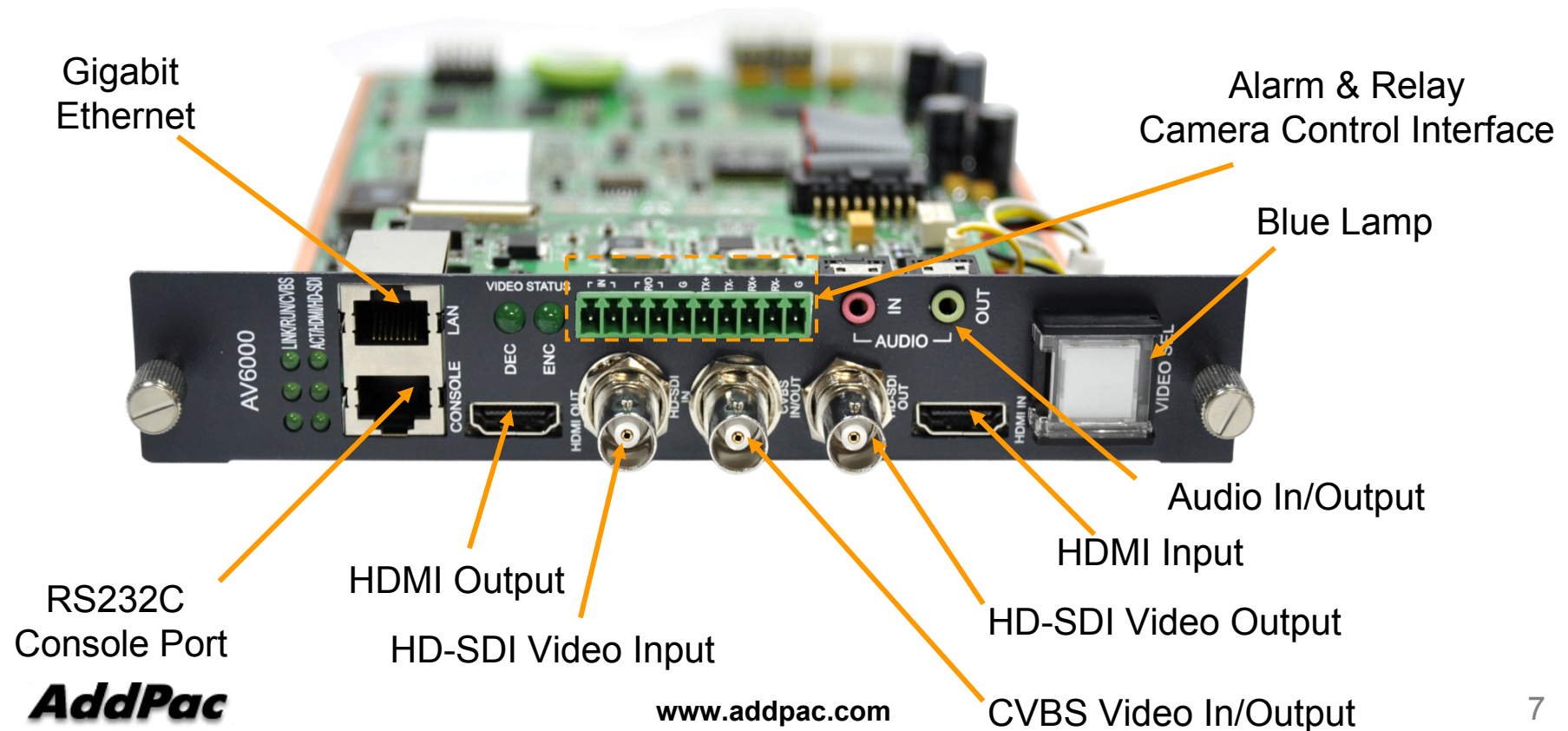
AV6000 Hardware Specification

RISC
CPU

High-End
VP

Hardware Module Specification

AV6000 HD Video Encoder/Decoder Module(H.264)



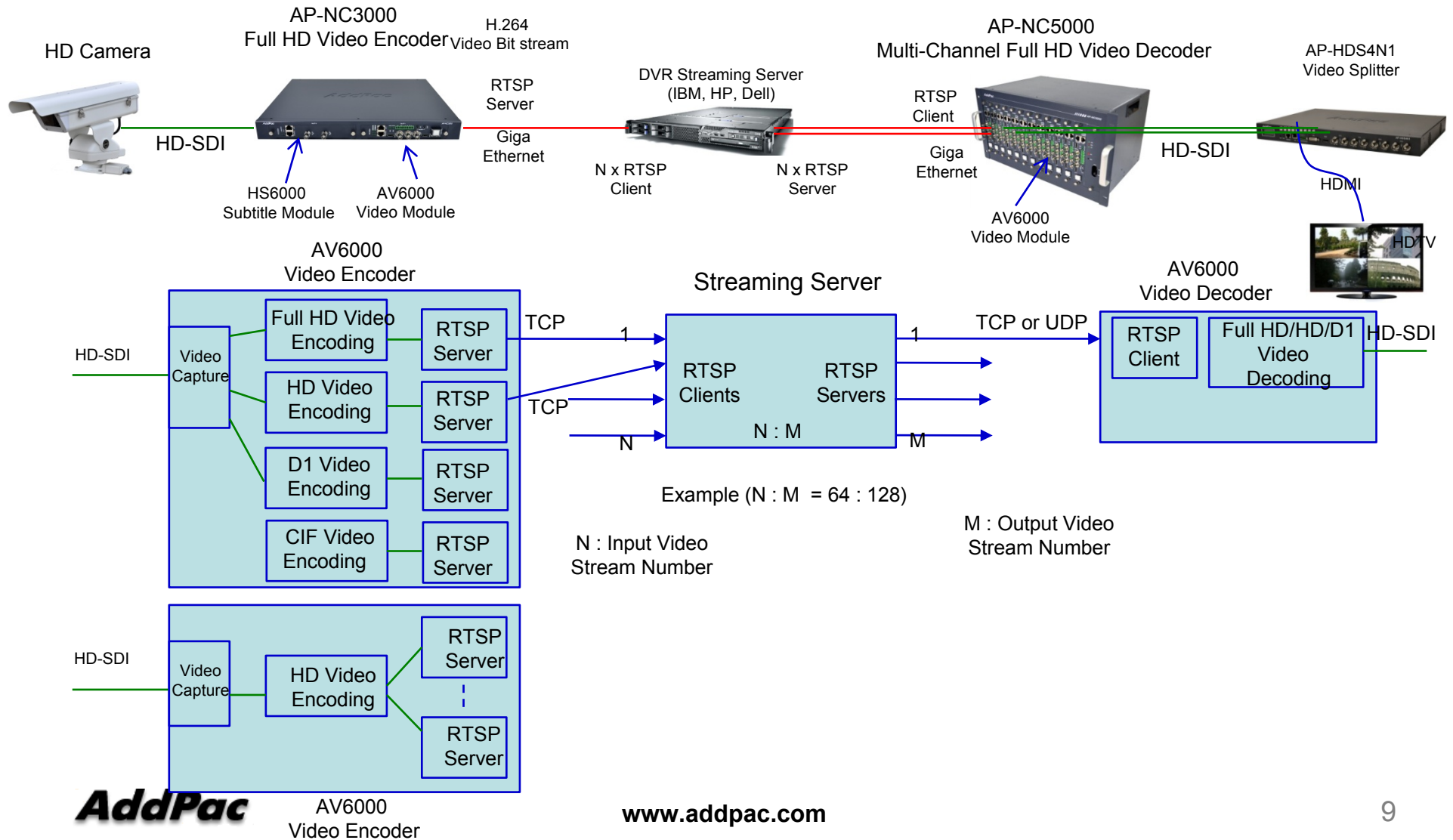
AV6000 Full HD Video Codec Module

High-end
DSP

Quadruple Video Encoding Bit Stream Matrix

Video Input	Concurrent Video Encoding Bit Stream			
	CIF	D1	HD(720P)	Full HD(1080i)
Analog Video Input (NSTC/PAL)	Available	Available	N/A	N/A
HD-SDI Video Input (720P)	Available	Available	Available	N/A
HD-SDI Video Input (1080i)	Available	Available	Available	Available

RTSP Service Network Diagram



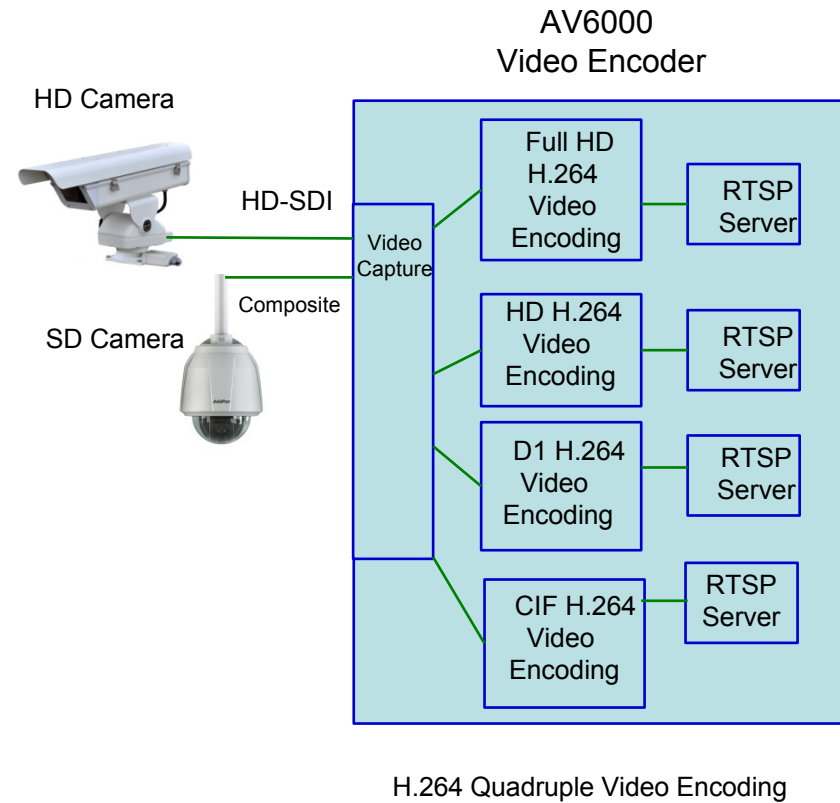
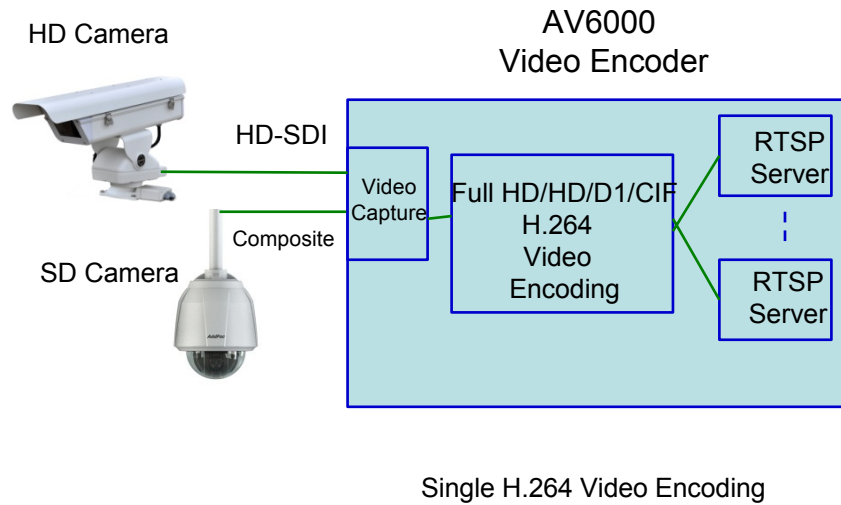
RTSP Service Features

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

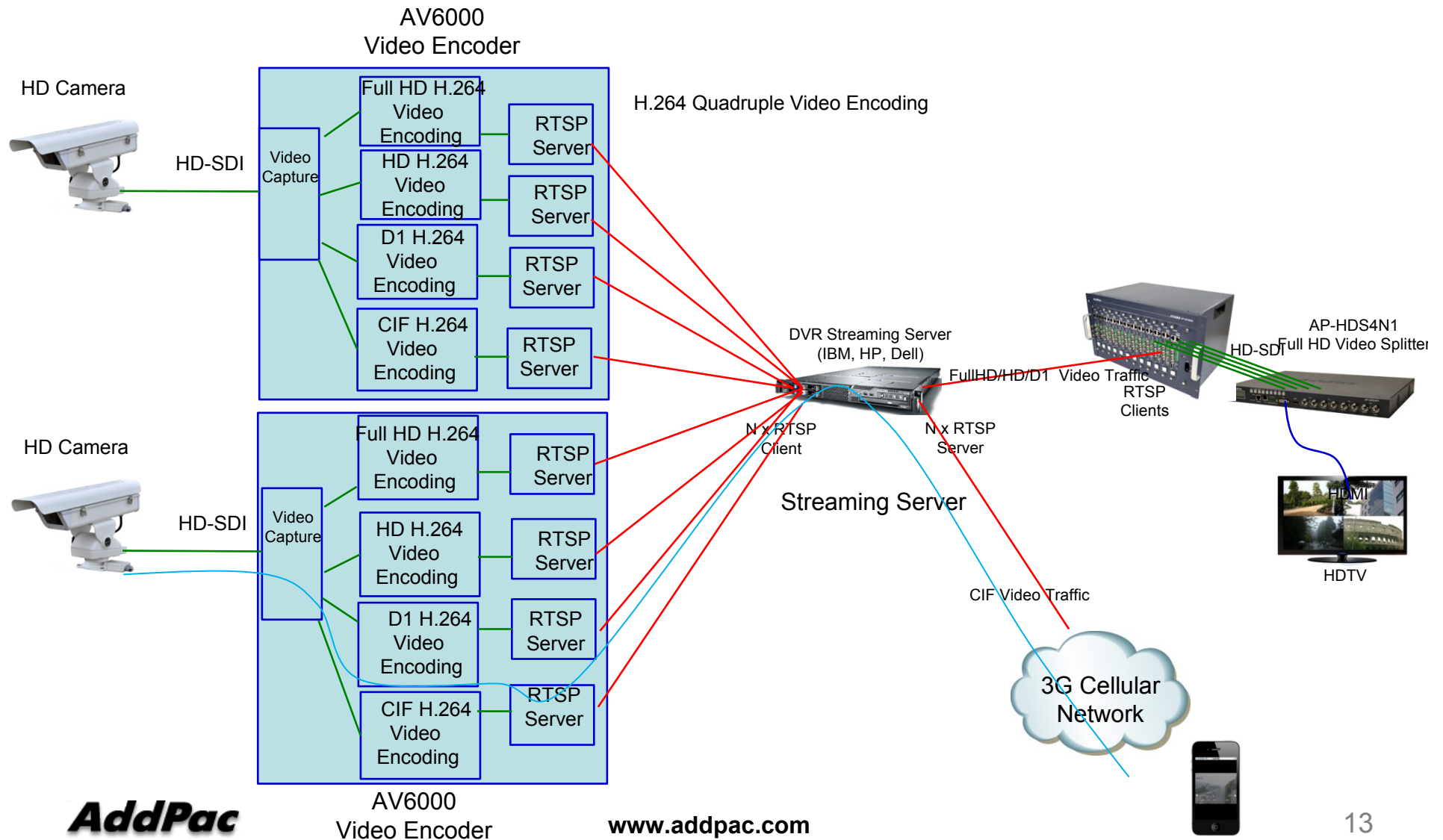
Video Codec Service Features

- AV6000 Video Encoder Mode
 - H.264 HD(1080i) Single Encoding
 - H.264 HD(720P) Single Encoding
 - H.264 D1(720x480) Single Encoding
 - H.264 CIF(352x288) Single Encoding
 - H.264 HD, D1 Dual Encoding
 - H.264 HD, D1, CIF Triple Encoding
 - H.264 Full HD, HD, D1, CIF Quadruple Encoding
- AV6000 Video Decoder Mode
 - H.264 Full HD
 - H.264 HD
 - H.264 D1
 - H.264 CIF

Video Codec Service Features



Video Codec Service Features





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