

AV6000NA4

4 CH Analog Video Mixing Full HD Encoder

High-performance Network CCTV Solution

Preliminary Product Overview

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



AddPac

AddPac Technology

Sales and Marketing

www.addpac.com

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Product Overview

AV6000NA4 4Channel Analog Video Mixing Full HD Encoder

- 4 Channel Analog Video Mixing + Full HD Encoding Service
- Full HD (1080p60, 1080p30) Video Encoding Service Features
- Video Codec : H.264 HP/MP/BP AVC Video Codec
- Video Input Interface : 4channel CVBS Analog (NTSC, PAL)
- Video Output Interface : HDMI for Analog Video, Mixing Video Local View
- Triple 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-NC5000 Platform Available

Hardware Specification

AV6000NA4 4Channel Analog Video Mixing Full HD Encoder

RISC
CPU

High-End
VP

- **RISC + Video Processor Computing Power**
- **VA4N1E Video Module**
 - **Network Interface**
 - One(1) 10/100/1000Mbps Gigabit Ethernet
 - **Video Interface**
 - Four(4) Channel CVBS Input
 - 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
 - **Audio I/O Interface**
 - One(1) Audio Input, One(1) Audio Output
 - **Video Select Toggle Button for HDMI Output**

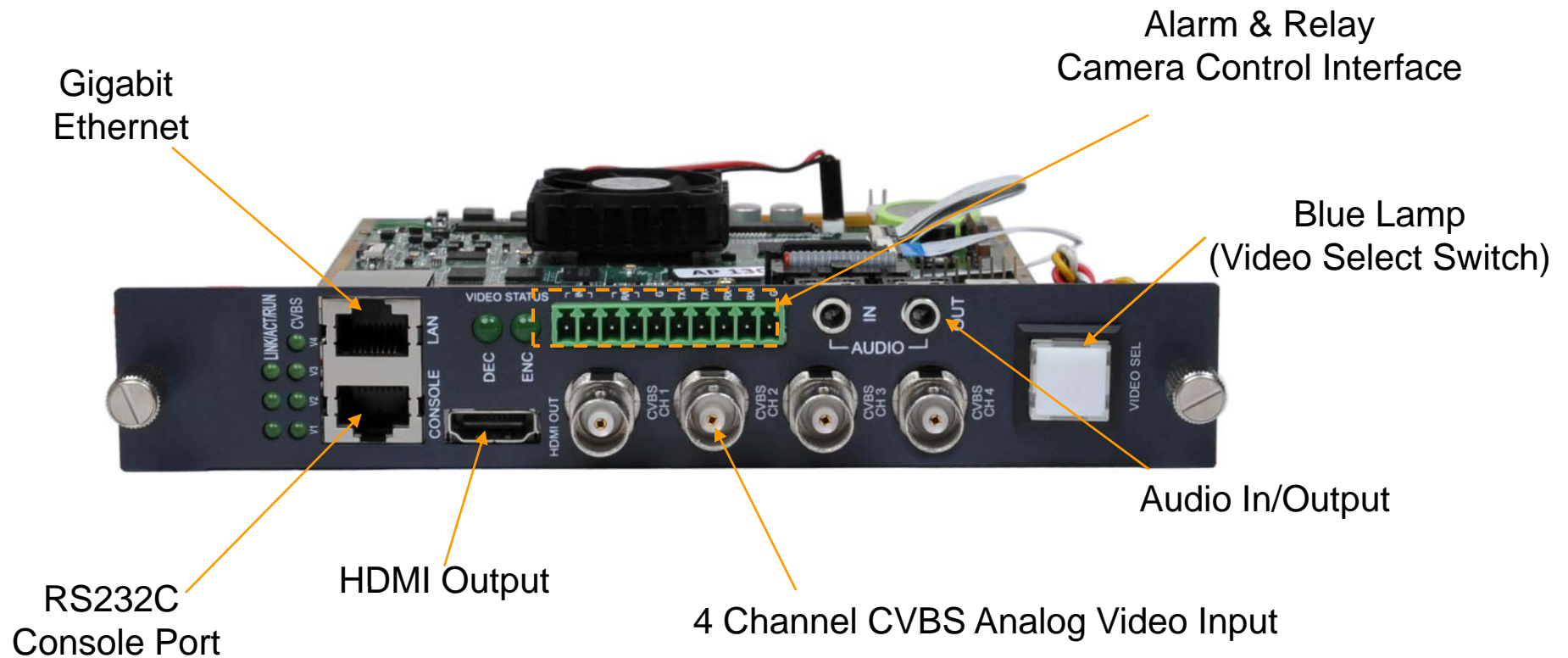
Hardware Specification

AV6000NA4 4Channel Analog Video Mixing Full HD Encoder

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Hardware Module Specification



Hardware Specification

AV6000NA4 4Channel Analog Video Mixing Full HD Encoder

AP-NC2000 Front View



VA4N1E Video Codec Module



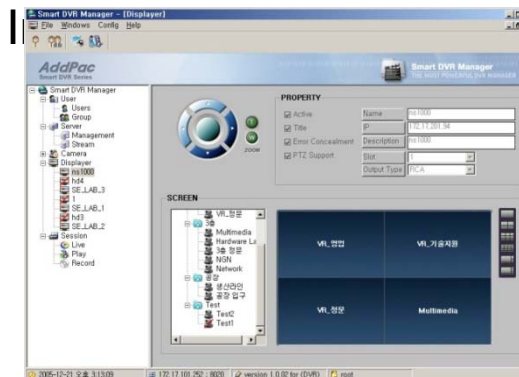
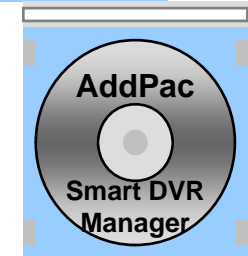
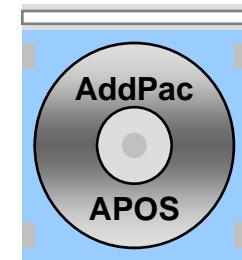
AC Power Input

Power On/Off Switch

Software Service

AV6000NA4 4Channel Analog Video Mixing Full HD Encoder

- Built-in AddPac APOS Internetworking Software
 - Scalability, Functionality, and Stability Features
 - Full HD Video Encoding Service Features
 - 4Channel Analog Video Mixing (Video Splitter)
 - Video Upscale and Downscaling Service
- Firmware Upgradeable Architecture
- Industry Standard Network Protocol Features
- Highly User Friendly Management Features
 - Smart DVR Manager
 - Telnet or RS-232C based Command Line Interface



Concurrent Bit Stream Matrix

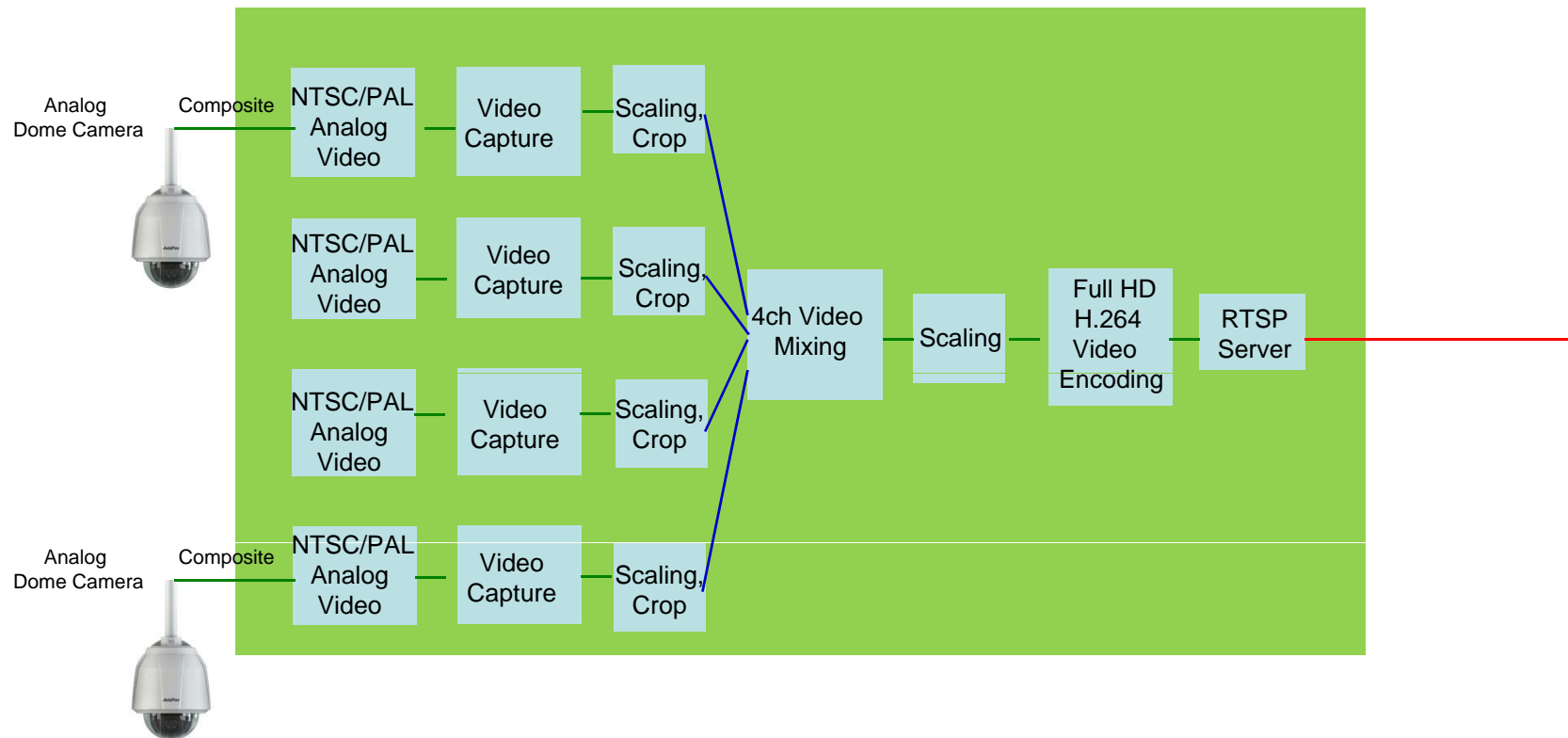
AV6000NA4 4Channel Analog Video Mixing Full HD Encoder

Triple Video Encoding Bit Stream Matrix

Video Input	Concurrent Video Encoding Bit Stream			
		D1	HD(720P)	FULL HD (1080p)
4channel Analog Video Input (NSTC/PAL)		Available	Available	Available

RTSP Service Network Diagram

AV6000NA4 4Channel Analog Video Mixing Full HD Encoder



Network Service and Features

AV6000NA4 4Channel Analog Video Mixing Full HD Encoder

Basic Network Protocols

- ARP, IPv4, TCP, UDP, ICMP, SCTP, IGMP, MLD

Routing Protocol

- IPv4 : Static

Service Protocol

- FTP, Telnet, TFTP, DHCP Server/Relay, SNMP Server
- CDP (Cisco Discovery Protocol)
- DNS Resolver , DDNS(nsupdate)
- Bridge
- Syslog

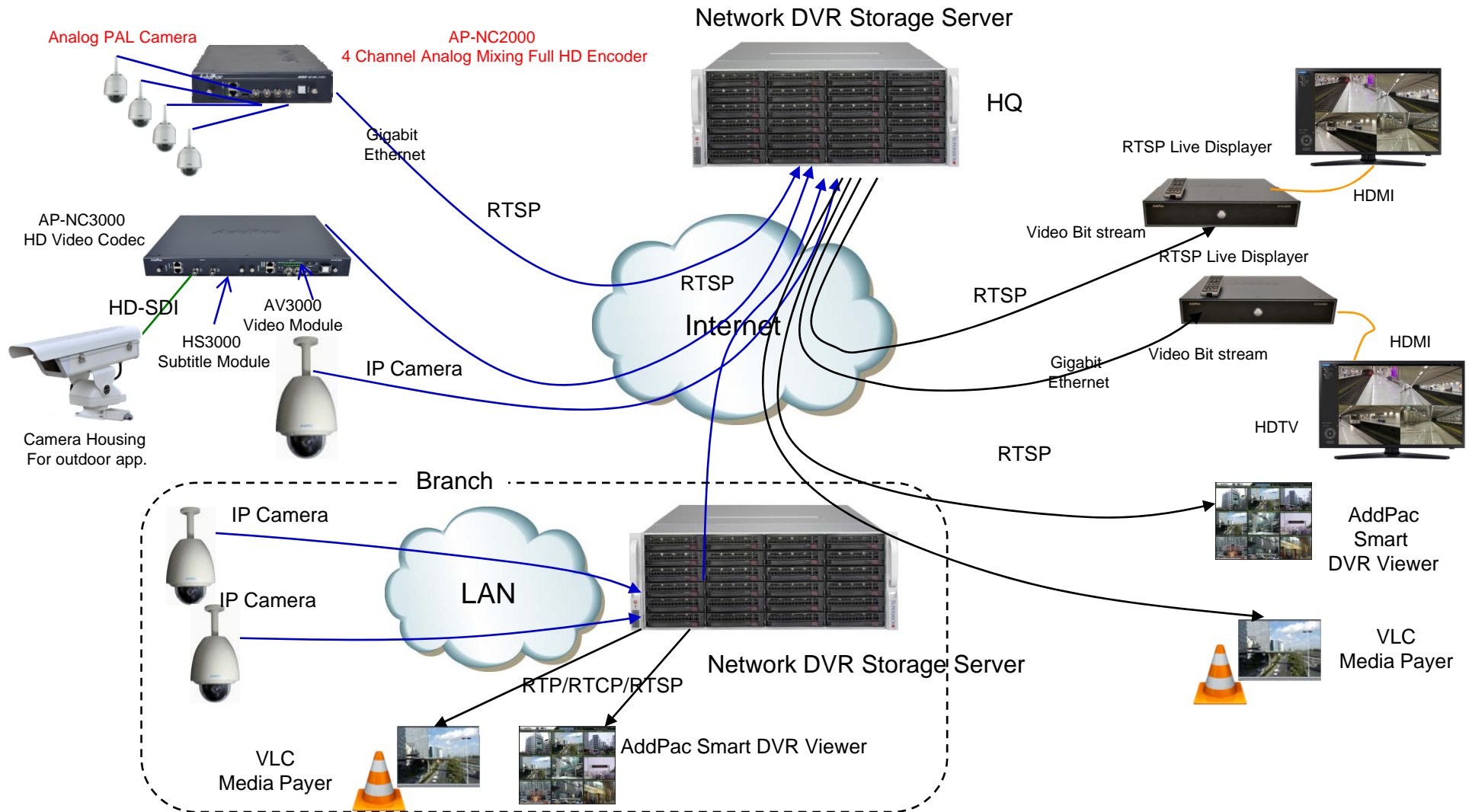
IPv4 Address Configuration

- Fixed (Static)
- DHCP
- PPPoE

Miscellaneous

- Standard & Extended IPv4 Access List
- Multi-level User Account Management
- IP accounting

Network Diagram



Ordering Information

- AV6000NA4 4 CH Analog Mixing Full HD Video Codec Module
 - Main Chassis (Option) : AP-NC2000D, AP-NC2000, AP-NC3000, AP-NC5000
 - AV6000NA4 4 CH Analog Mixing Full HD Video Codec Module
 - Including Network Cable Set & Power Supply Cable, etc
- Built-in APOS Internetworking Software for VA4N1E Module
- 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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