AV6000NE2

Two(2) Channel Full HD Video Codec Module

Product Overview



AddPac Technology

Sales and Marketing

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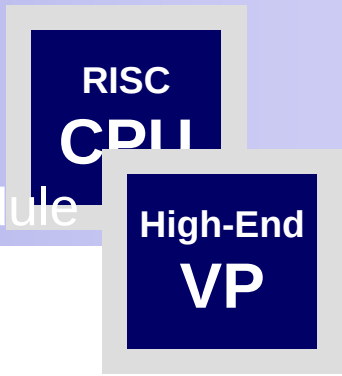
Product Overview

AV6000NE2 Two(2) Channel Full HD Video Codec Module

- Dual Channel Full HD Video Encoding Service Features
- Video Codec : H.264 HP/MP/BP AVC Video Codec
- Video Input Interface : HDMI, HD-SDI
- 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-NC5000 Platform Available

Hardware Specification

AV6000NE2 Two(2) Channel Full HD Video Codec Module



- **RISC + Video Processor Computing Power**
- **AV6000NE2 Video Module**
  - **Network Interface**
    - One(1) 10/100/1000Mbps Gigabit Ethernet
  - **Video Interface**
    - Two(2) Channel HD-SDI Input
    - Two(2) Channel HDMI Input
  - **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

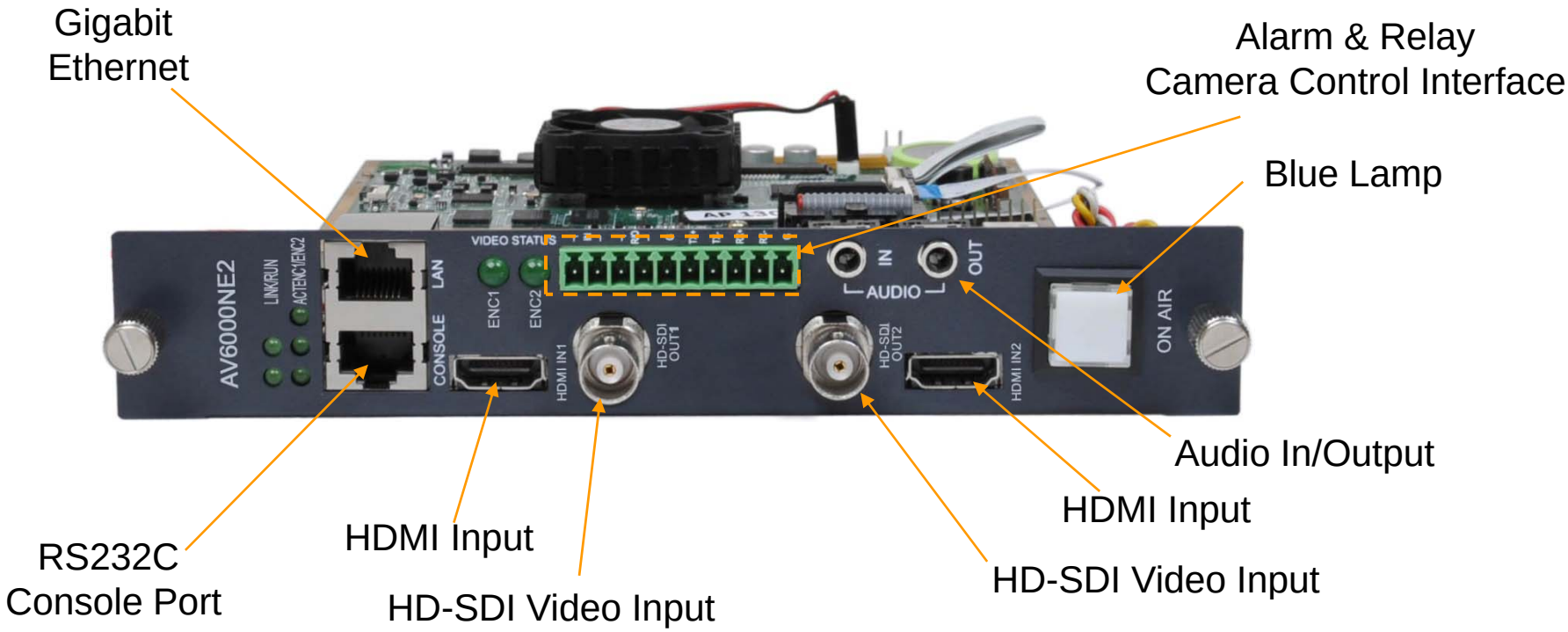
Hardware Specification

AV6000NE2 Two(2) Channel Full HD Video Codec Module

RISC CPU

High-End VP

AV6000NE2 Full HD Video Encoder Module



Hardware Specification

AV6000NE2 Two(2) Channel Full HD Video Codec Module

AP-NC5000 Front View

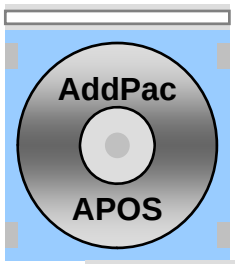
AV6000NE2 HD Video Module

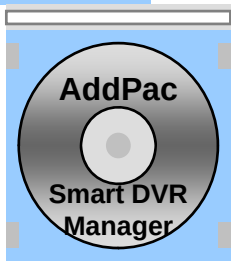


Software Service

AV6000NE2 Two(2) Channel Full HD Video Codec Module

- Built-in AddPac APOS Internetworking Software
  - Scalability, Functionality, and Stability Features
  - Full HD Video Encoding Service Features
  - 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 Triple Bit Stream Matrix

AV6000NE2 Two(2) Channel Full HD Video Codec Module

Triple Video Encoding Bit Stream Matrix

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

RTSP Service Features

AV6000NE2 Two(2) Channel Full HD Video Codec Module

- AV6000N Video Encoder Mode
  - RTSP Server Mode
  - Multi-Channel RTSP Server Mode

    (Full HD, HD, D1 Triple Encoding Mode or Dual Full HD, HD, etc)
  - RTSP, TCP Protocol Support for Error Robust Service

Video Codec Service Features

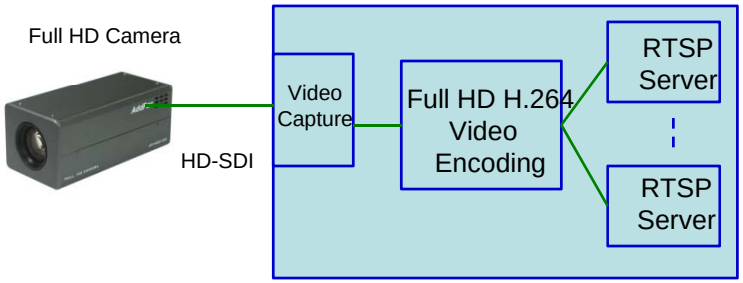
AV6000NE2 Two(2) Channel Full HD Video Codec Module

- AV6000N Video Encoder Mode
  - H.264 Full HD(1080i) Single Encoding (HD-SDI Input)
  - H.264 HD(720P) Single Encoding (HD-SDI Input)
  - H.264 D1(720x480) Single Encoding(Analog Input, HD-SDI Input 720P)
  - H.264 Full HD, HD Dual Encoding(HD-SDI Input)
  - H.264 Full HD, HD, D1 Triple Encoding (HD-SDI Input)
  - H.264 Full HD, D1 Dual Encoding (HD-SDI Input)
  - H.264 HD, D1 Dual Encoding (HD-SDI Input)

Video Codec Service Features

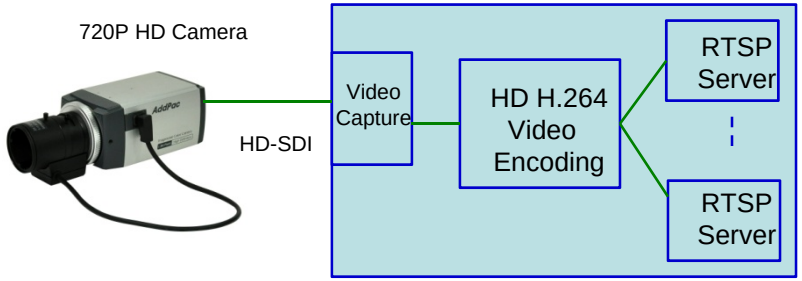
AV6000NE2 Two(2) Channel Full HD Video Codec Module

AP-NC2000D
Video Encoder



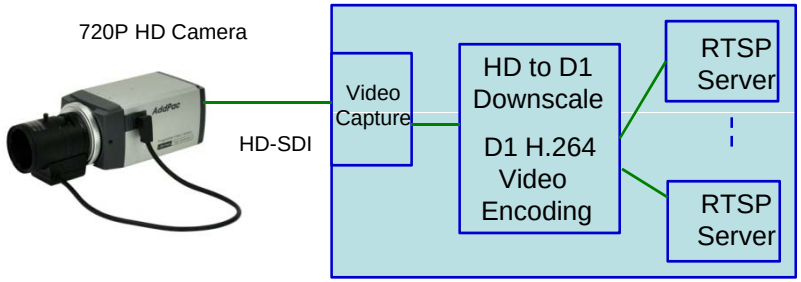
Single Full HD H.264 Video Encoding

AP-NC2000D
Video Encoder



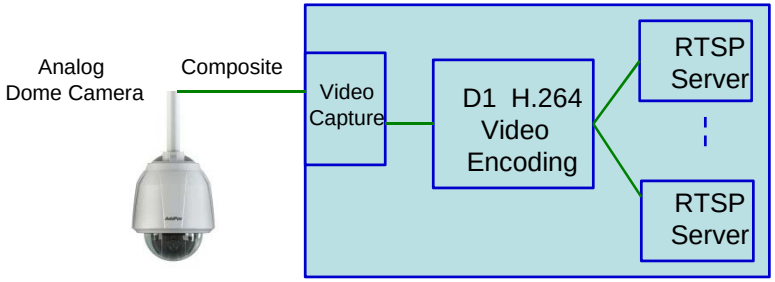
Single HD H.264 Video Encoding

AP-NC2000D
Video Encoder



Single D1 H.264 Video Encoding

AP-NC2000D
Video Encoder

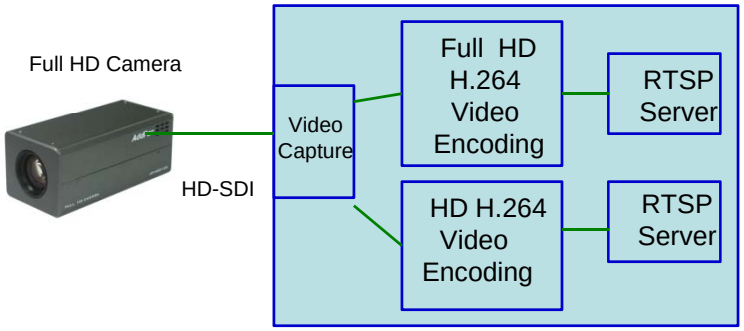


Single D1 H.264 Video Encoding

Video Codec Service Features

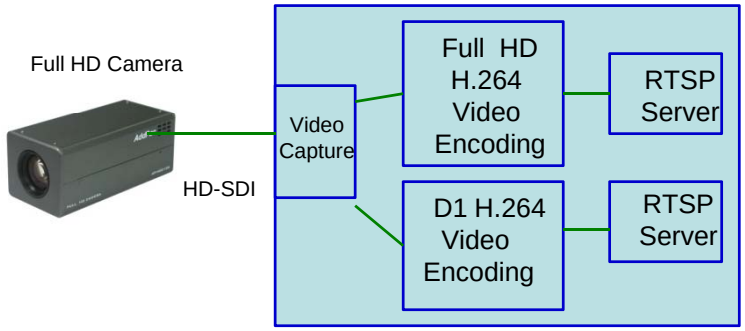
AV6000NE2 Two(2) Channel Full HD Video Codec Module

AP-NC2000D
Video Encoder

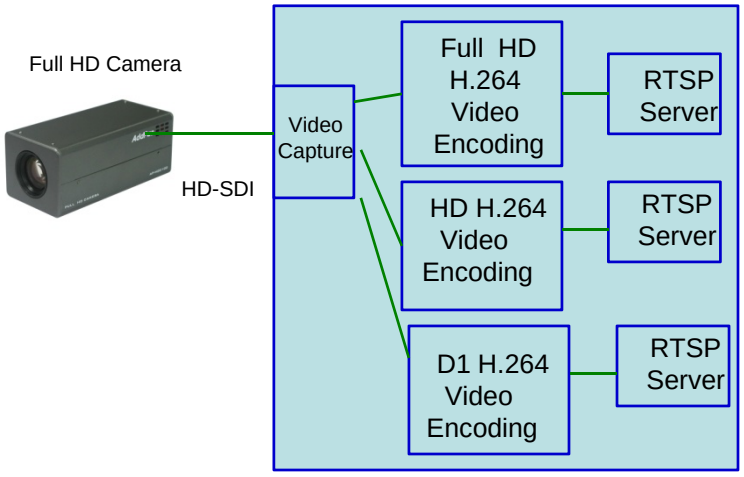


H.264 Full HD, HD Dual Video Encoding

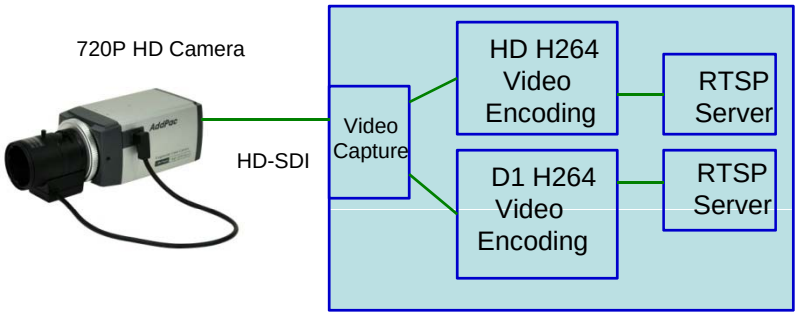
AP-NC2000D
Video Encoder



H.264 Full HD, D1 Dual Video Encoding



H.264 Full HD, HD, D1 Triple Video Encoding



H.264 HD, D1 Dual Video Encoding

Network Service and Features

AV6000NE2 Two(2) Channel Full HD Video Codec Module

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

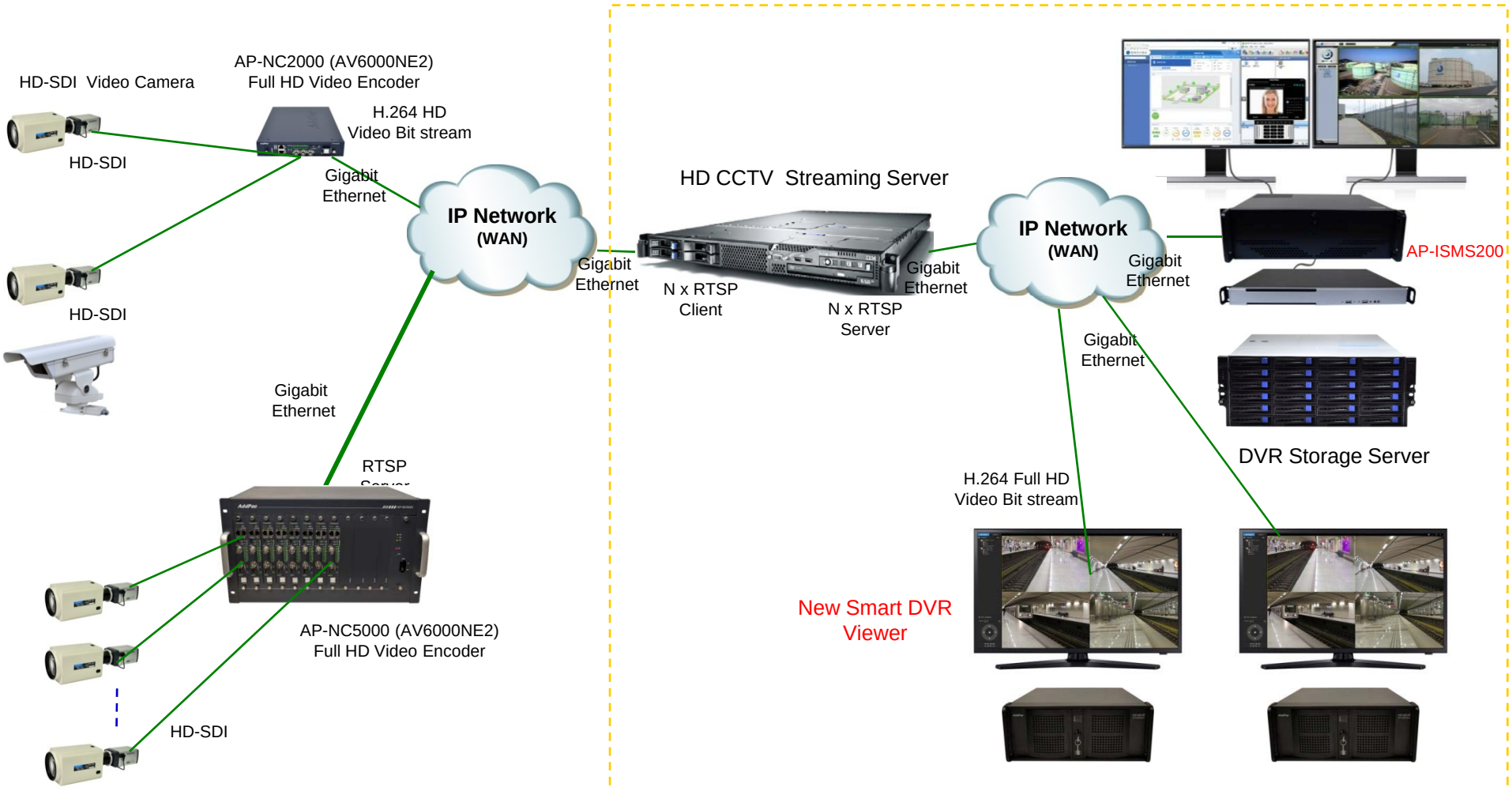
IPv4 Address Configuration

- Fixed (Static)
- DHCP
- PPPoE

Miscellaneous

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

Network Diagram



Ordering Information

- AV6000NE2 Full HD Video Codec Module
  - Main Chassis (Option) : AP-NC2000D, AP-NC2000, AP-NC3000, AP-NC5000
  - AP6000NE2 Full HD Video Codec Module
  - Including Network Cable Set & Power Supply Cable, etc
- Built-in APOS Internetworking Software for AV6000NE2 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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