

# AP-HDS4N1™

## 4 CH HD Video Splitter

High-performance Network DVR Solution



### Preliminary Product Overview

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

**AddPac**

**AddPac Technology**

2010, Sales and Marketing



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

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# Product Overview

## AP-HDS4N1 HD-SDI 4 Layout Video Splitter

- HD-SDI 4 Layout Video Splitter Service Features
- Four(4) Channel HD-SDI Video Input (720P, 1080i)
- HD-SDI Input Loop-out Function Support
- 4ch Layout , 1ch Layout Display
- One(1) Channel HDMI or DVI Video Output for HDTV Display
  - 1080i(1920x1080), 720P(1280x720), 1024x768
- IP based Network Surveillance Solution
- LCD, Function Buttons for Channel and Layout Mode Selection
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Internal Power Supply

# Product Highlights

## AP-HDS4N1 HD-SDI 4 Layout Video Splitter

### Next Generation HD Network DVR Solution

Embedded System for  
Stability

1080i, 720P, 1024x768  
Display Mode

HD-SDI 4-channel Layout  
Video Splitter

HDMI, DVI Interface  
Support for External HD Display  
Device

Firmware Upgradeable  
Architecture



Compact Design and  
Chassis

APOS™ Technology  
Multimedia Network Protocol

HD-SDI Input Loop-out  
Port Support

Front Panel LCD Support for  
Channel Selection , Status Display

One(1) 10/100Mbps  
Fast Ethernet, RS-232C Console

Powerful Management S/W for  
AP-HDS4N1 Management

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# Hardware Specification

AP-HDS4N1 HD-SDI 4 Layout Video Splitter

RISC  
CPU

High-End  
VP

- **RISC + Video Processor Computing Power**
- **Main Chassis**
  - Video Interface
    - 4 Channel HD-SDI Input Ports
    - HD-SDI Input Loop-Out Ports
    - HDMI, DVI Video Output for External HD Display Device
  - One(1) 10/100Mbps Fast Ethernet Interface
  - One(1) RS-232 Console Interface (RJ45)
  - One(1) RS485/RS422/RS232 Interface for Future
  - LCD Display for Input Channel Selection, Display Mode Selection, etc

# Hardware Specification

## AP-HDS4N1 HD-SDI 4 Layout Video Splitter

### Hardware Specification

AP-HDS4N1 Front View



Power On/Off Switch



AP-HDS4N1 Back Side

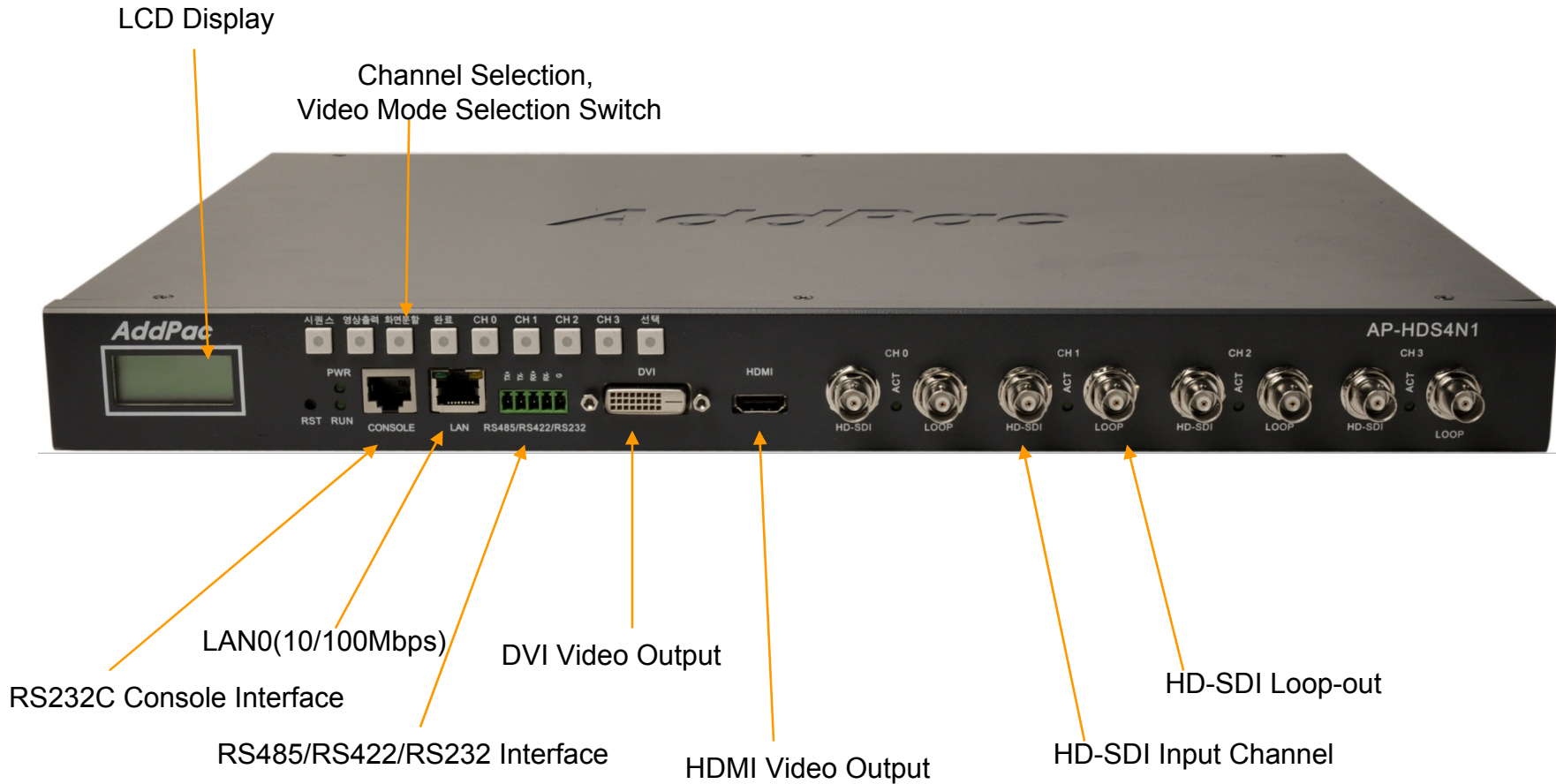
AC Power Supply

# Hardware Specification

## AP-HDS4N1 HD-SDI 4 Layout Video Splitter

High-End  
RISC  
+Video  
Processor

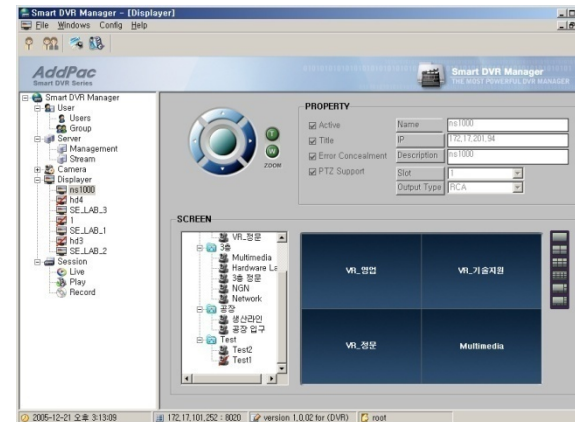
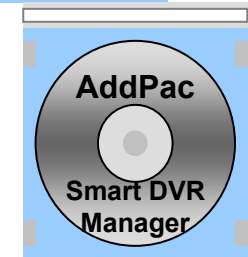
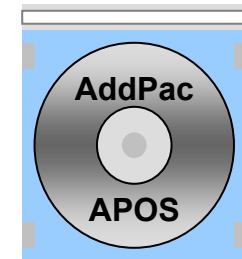
### AP-HDS4N1 Front Side



# Software Service

## AP-HDS4N1 HD-SDI 4 Layout Video Splitter

- **Built-in AddPac APOS Internetworking Software**
  - Scalability, Functionality, and Stability Features
  - Advanced 4 Layout HD-SDI Video Splitter Features
- **Firmware Upgradeable Architecture**
- **Industry Standard Network Protocol Features**
- **Highly User Friendly Management Features**
  - Smart DVR Manager
  - Telnet or RS-232C based Command Line Interface





# Network Service and Features

## AP-HDS4N1 HD-SDI 4 Layout Video Splitter

### 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

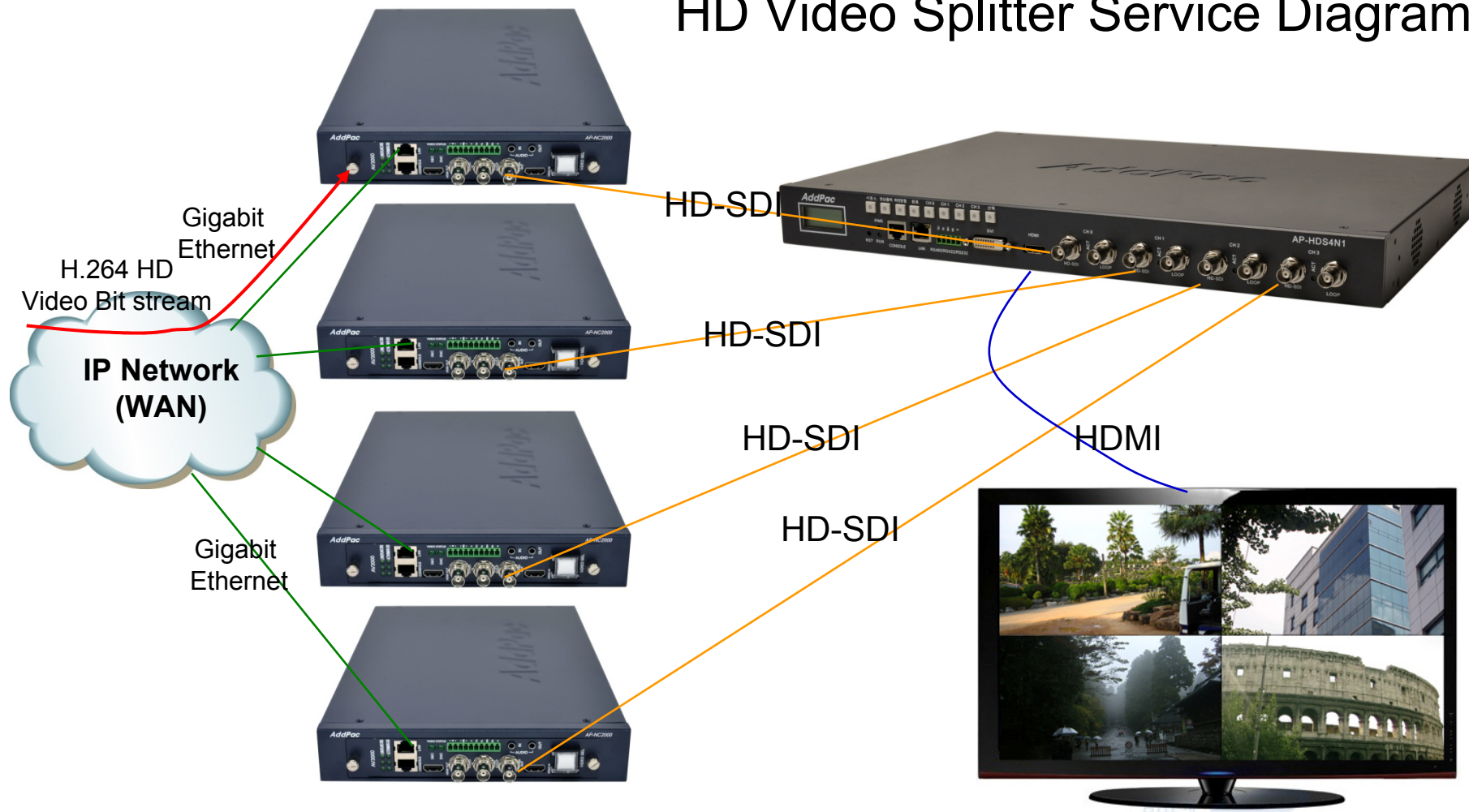
### Miscellaneous

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

# Network Application Diagram

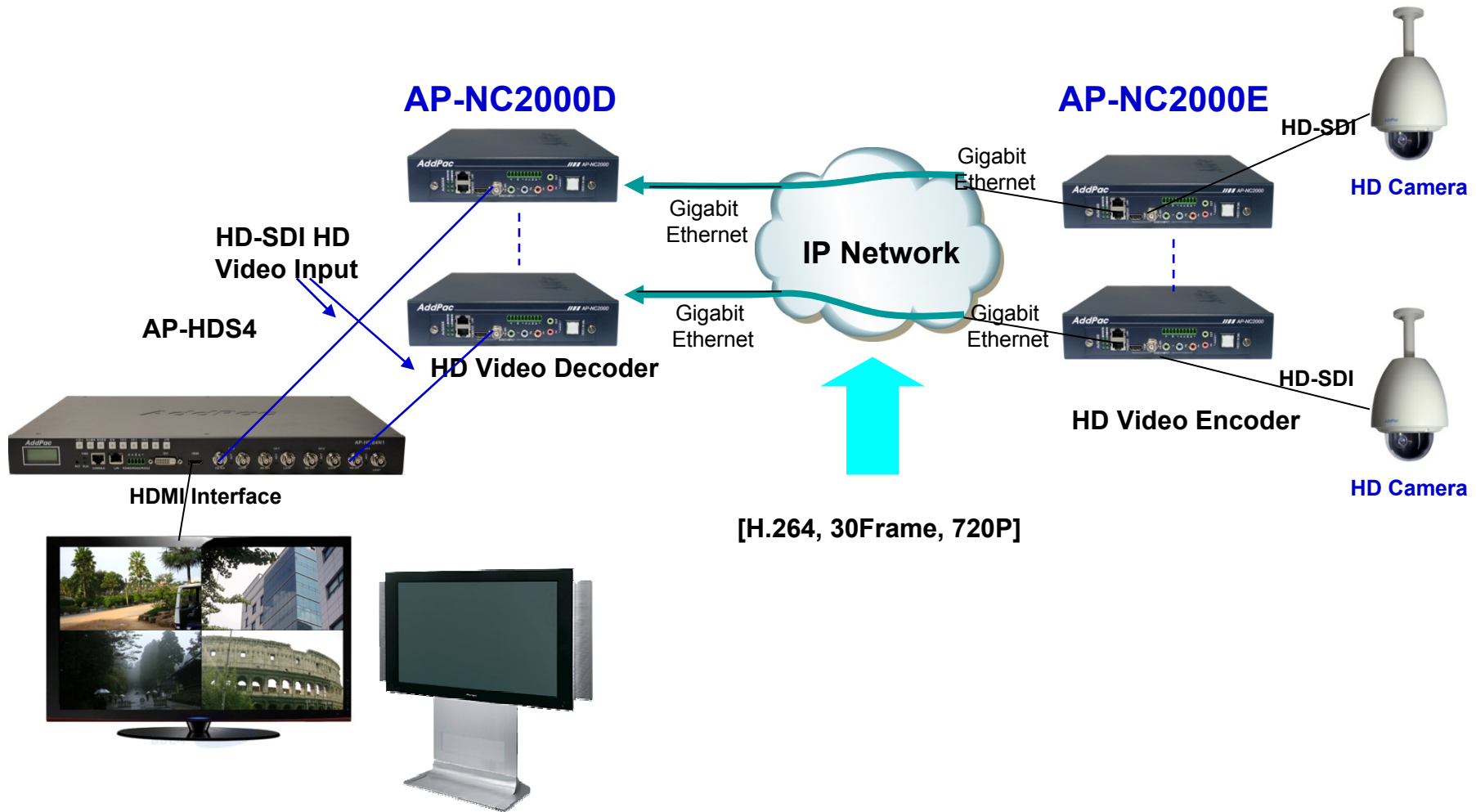
## AP-HDS4N1 HD-SDI 4 Layout Video Splitter

### HD Video Splitter Service Diagram



# Network Application Diagram

## AP-HDS4N1 HD-SDI 4 Layout Video Splitter



# Ordering Information

- **AP-HDS4N1 4 Channel HD-SDI Video Splitter Hardware**
  - AP-HDS4N1 Main Body
  - Including Network Cable Set & Power Supply Cable, etc.
- **Built-in APOS Internetworking Software for AP-HDS4N1**
- **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](http://www.addpac.com)



# Thank you!

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