

# AP-VBS2000

## Full HD Video Broadcasting Media Server

Next Generation IP based Full HD Video Broadcasting Media Server Solution

### Preliminary Product Overview

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



**AddPac**

**AddPac Technology**

Sales and Marketing

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# Product Overview

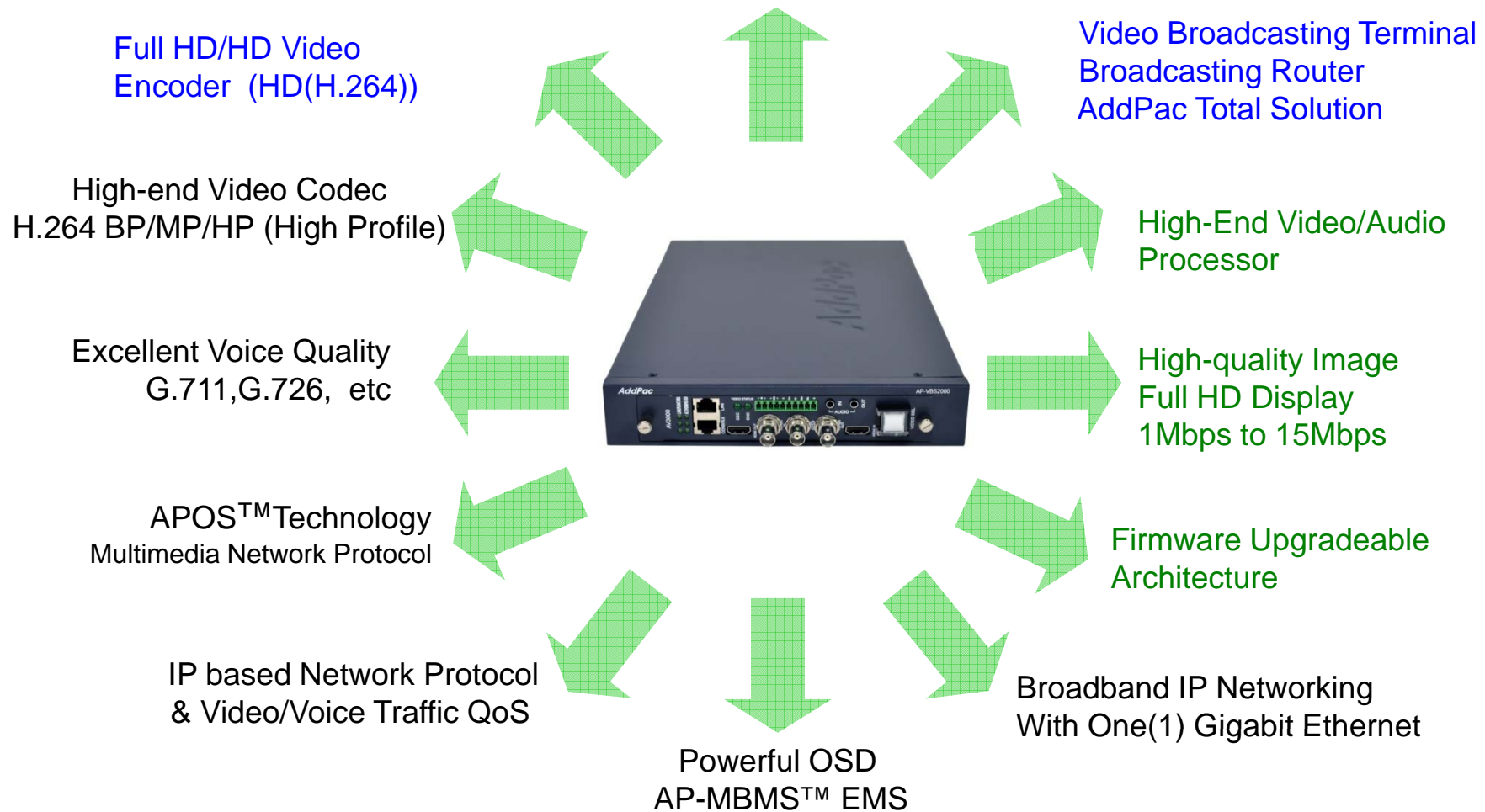
## AP-VBS2000 Full HD Video Broadcasting Media Server

- IP based Full HD/HD Video Broadcasting Service Solution
- High-End H.264 Video Codec Support
- High Performance Real-time Audio/Video Broadcasting Solution
- RTSP/RTP Standard Streaming Protocol Support
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Multimedia Broadcasting Management Software (Client/Server Architecture)

# Product Highlights

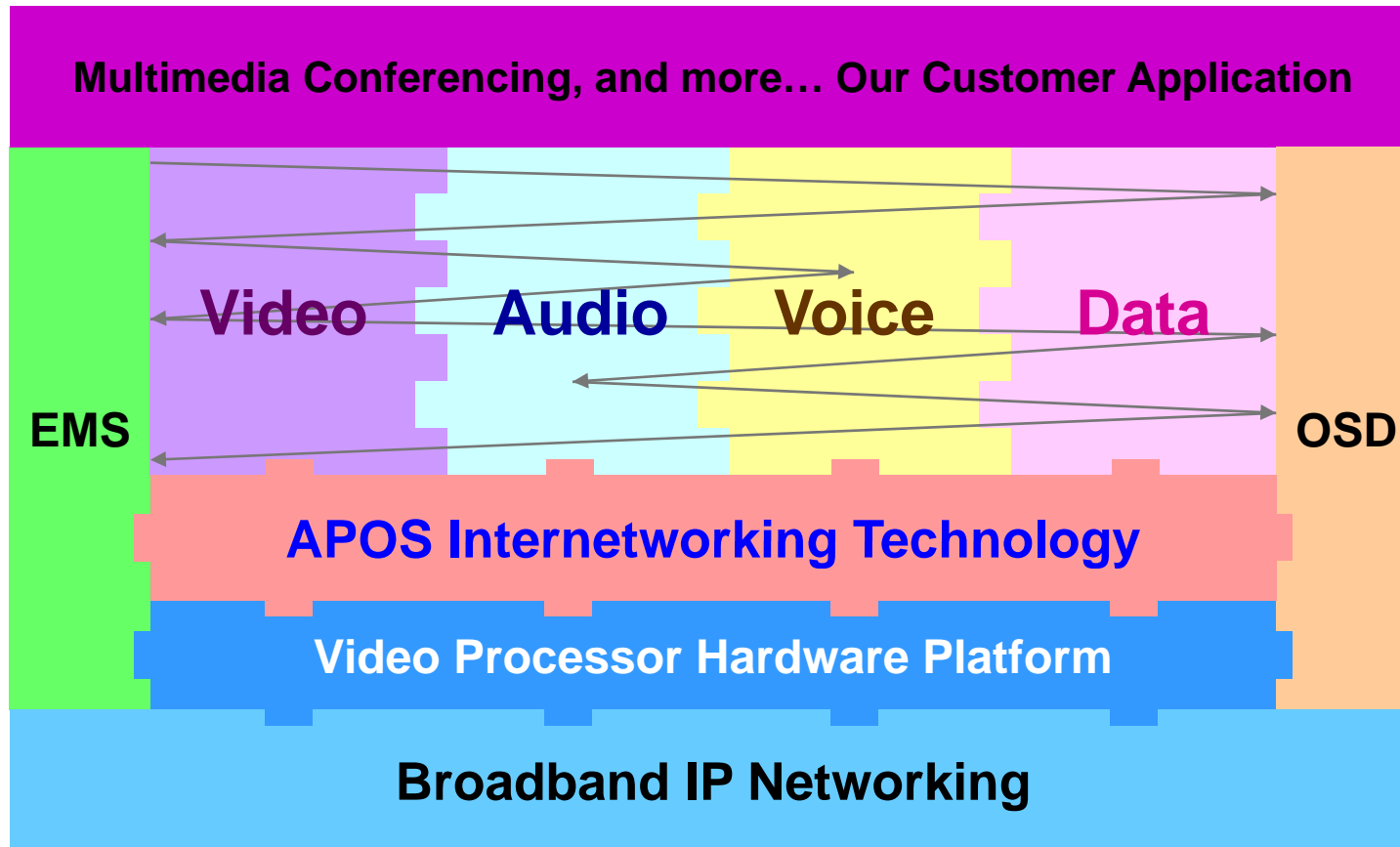
## AP-VBS2000 Full HD Video Broadcasting Media Server

### IP based Full HD/HD Video Broadcasting Server



# Multimedia Service

AP-VBS2000 Full HD Video Broadcasting Media Server



- APOS : AddPac Internetworking Operating System
- OSD : On- Screen Display
- EMS : Element Management System

# Benefits and Features

## AP-VBS2000 Full HD Video Broadcasting Media Server

- High Quality Images up to 1Mbps and 15Mbps
- High-performance Audio & Video Codec Support
  - H.264 High Profile Video Codec
  - Line IN : G.726, G.711,etc, Audio Codec
- Various HD Video Encoding/Decoding Module Support
- Up to 30 frame/sec, 1080i Full HD, 720P Resolution
- RTP based Real-Time HD Broadcasting Service
- IP based Network Protocol Support
- Video Application
  - Audio & Video Broadcasting Solution

# Hardware Specification

AP-VBS2000 Full HD Video Broadcasting Media Server

High-end  
Video  
Processor

- High-End Video Processors + RSIC Processor
- Main Chassis
  - One(1) Video Encoder Module Slot
  - Various HD Video Module

AV6000 Full HD Video Encoder Module  
(H.264 1080i, 720P Dual Encoding)



AV3500 Full HD Video Encoder Module  
(H.264 1080i, 720P Single Encoding)



AV3000 HD Video Encoder/Decoder Module  
(H.264 720P, D1 Dual Encoding)



# Hardware Specification

AP-VBS2000 Full HD Video Broadcasting Media Server

## AP-VBS2000 Back Side View



AC110~220V Free Voltage  
Power Inlet

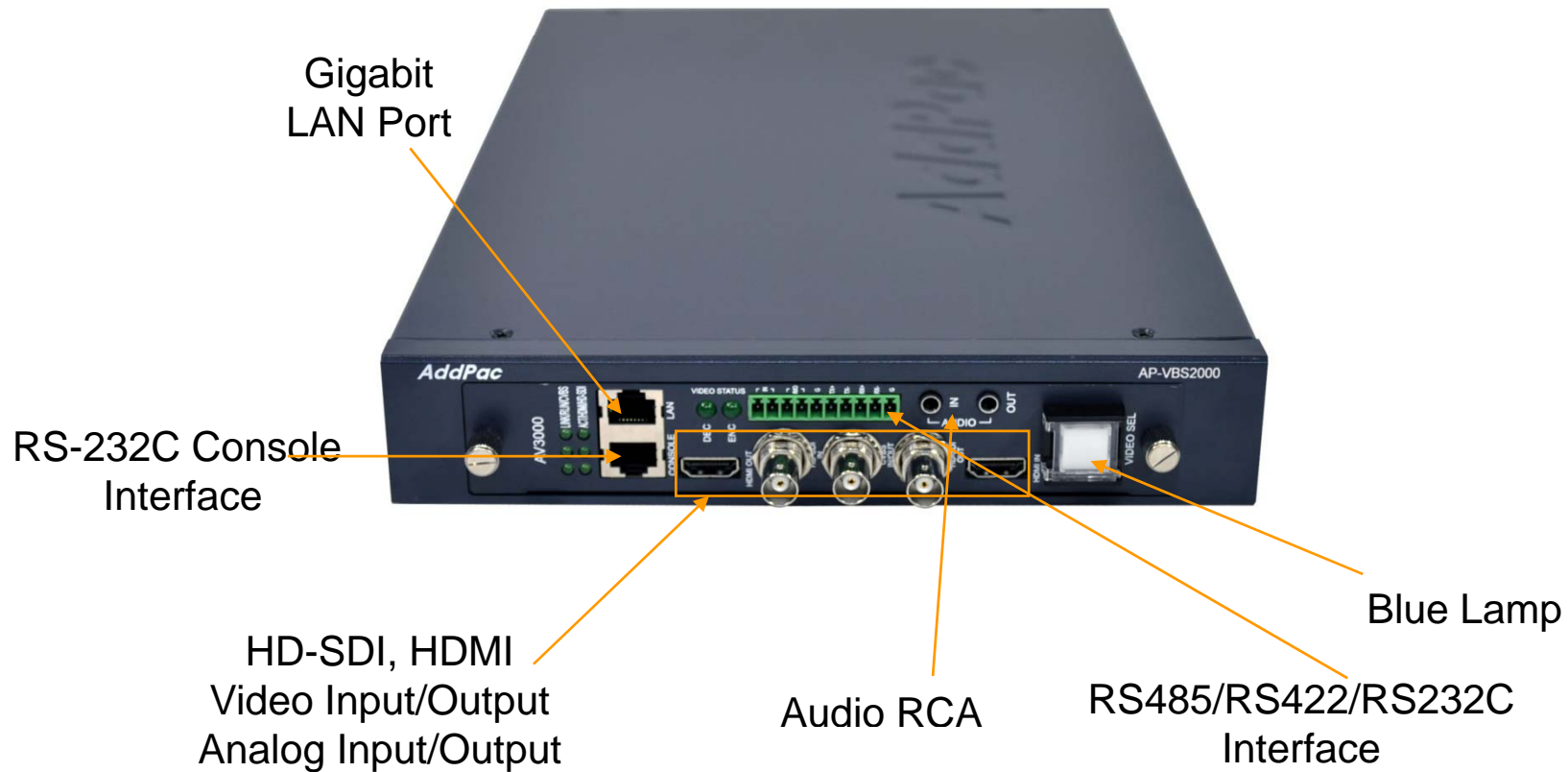
Power On/Off Switch



# Hardware Specification

AP-VBS2000 Full HD Video Broadcasting Media Server

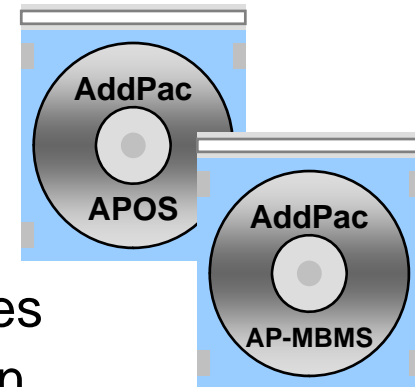
## AP-VBS2000 (AV3500) Front Side View



# Software Service

## AP-VBS2000 Full HD Video Broadcasting Media Server

- Built-in AddPac APOS Internetworking Software
  - Scalability, Functionality, and Stability Features
  - Video Traffic QoS Control
- Programmable Video, Audio, and Voice Services
  - Video Codec, Audio, and Voice Codec
- Industry Standard IP based Network Protocol Features
- AP-MBMS (Multi-media Broadcasting Management System) Solution
  - Server and Client Architecture
  - JAVA based EMS Solution
  - Broadcast Status Monitoring, Scheduling, Login Management, and Remote System Management Support
  - Intel Pentium Machine with MS Window Server OS and MS-SQL



# Video Service and Features

AP-VBS2000 Full HD Video Broadcasting Media Server

- High-performance Video Codec Support
  - H.264 BP/MP/HP(High Profile)
- Powerful Image Resolution Support
  - 1080i(1920x1080), 720P(1280x720)
- Up to 30fps at Full HD-Resolution (H.264)
- 1Mbps to 15Mbps Operating Video Traffic Bandwidth
- Video Buffer Control for Video Traffic QoS
  - Ensuring Optimized Quality
  - Frame Rate Control with Limited Bandwidth
- One(1) Video Module Support
- HDMI, HD-SDI, Analog Video Interface
- RTSP/RTP based Real-time Video Broadcasting

# AP-VBS2000 Full HD Video Broadcasting Media Server

## Application Area

- IP based Audio/Video Real-time HD Broadcasting
- Remote HD Video Broadcasting Service



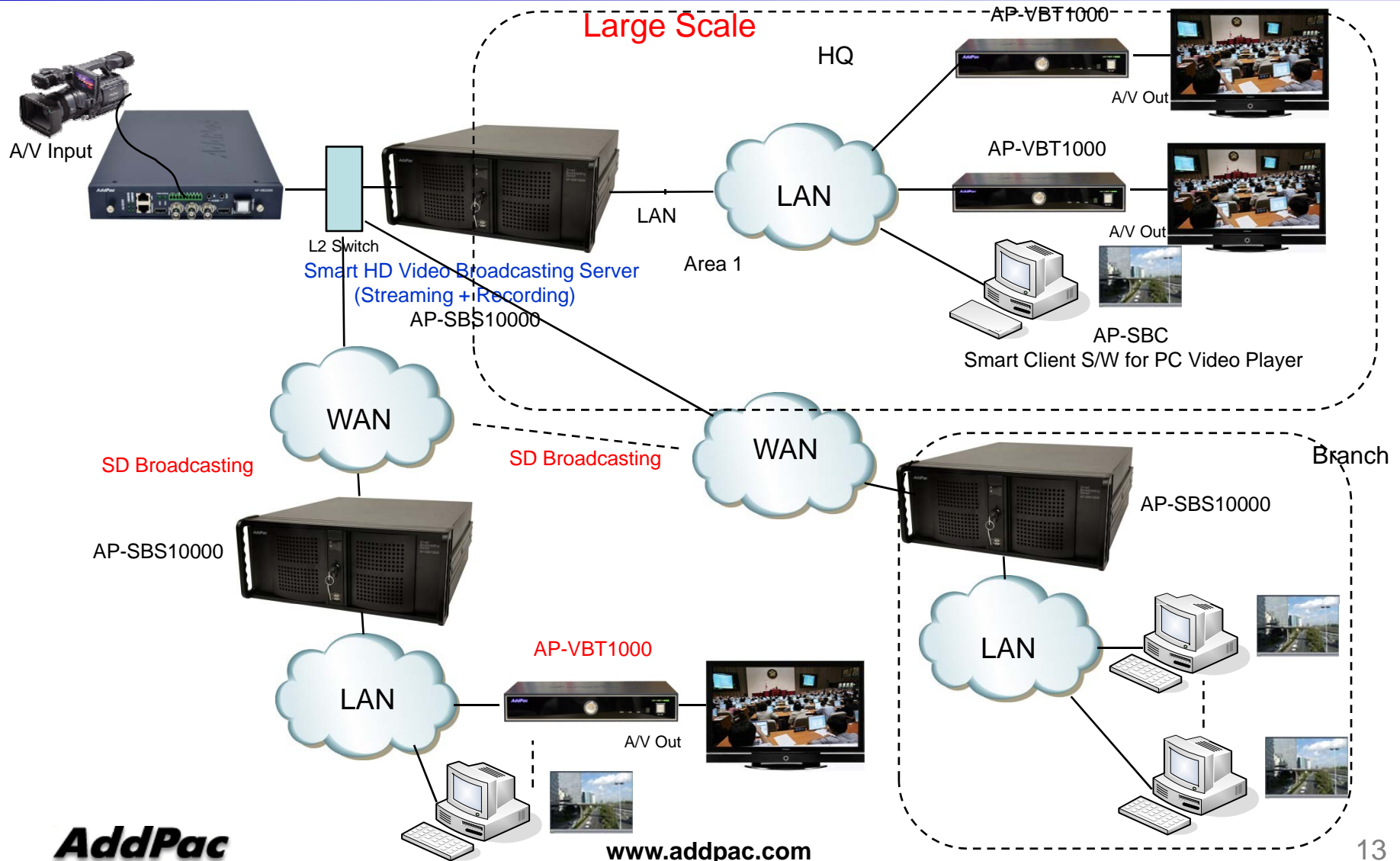
AP-VBS2000 One(1)-Channel  
HD Video Broadcasting Server



AP-VBT1000 HD Video Terminal

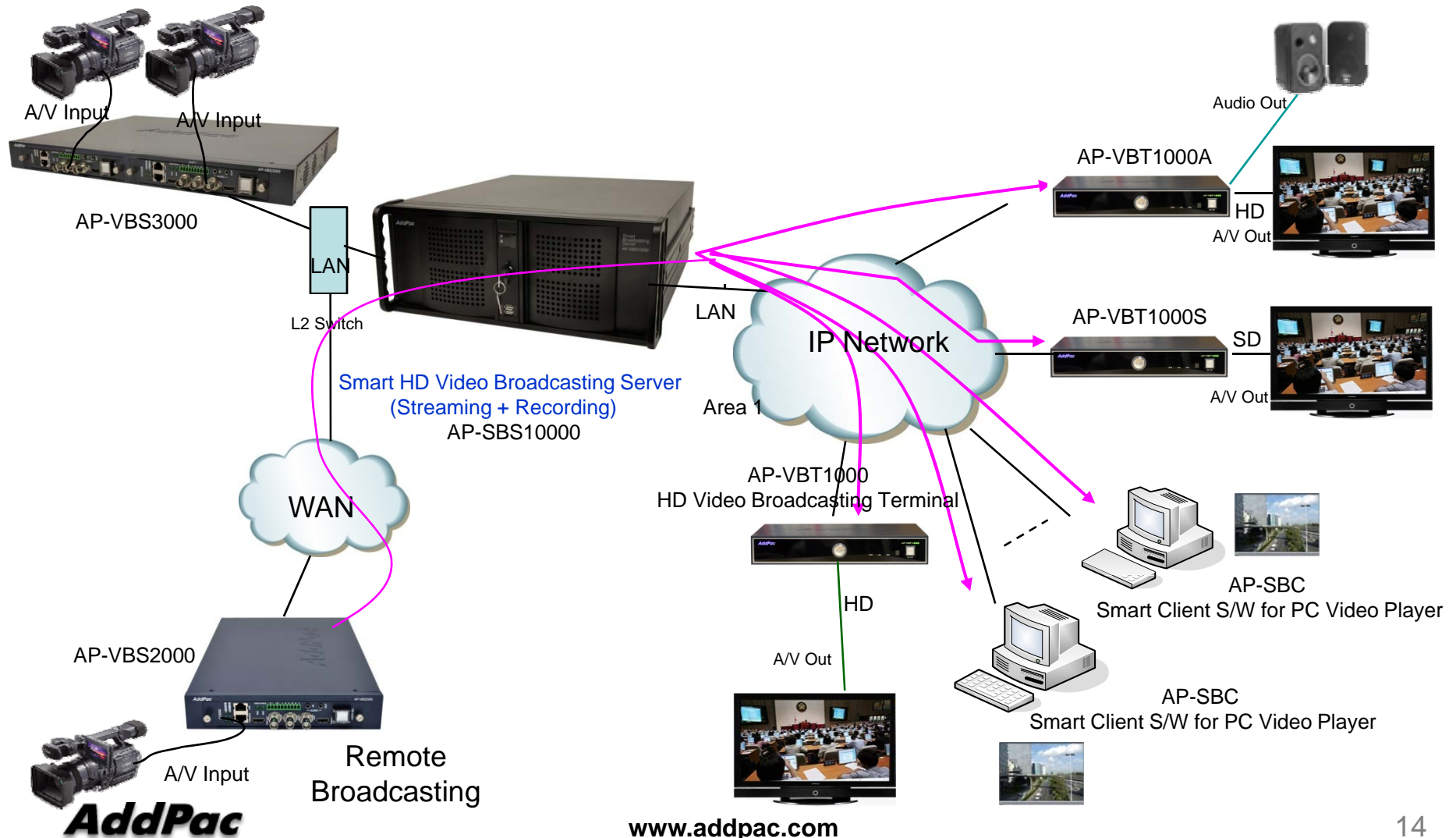
# Audio/Video Real-time Broadcasting

## AP-VBS2000 Full HD Video Broadcasting Media Server



# Remote HD Video Broadcasting

## AP-VBS2000 Full HD Video Broadcasting Media Server



# Ordering Information

- AP-VBS2000 HD Video Broadcasting Server
  - AP-VBS2000 HD Video Broadcasting Server Main Chassis
  - AV6000,AV3500,AV3000 Video Module : Option
  - Network Cable Set & Power Supply Cable, etc.
- Built-in APOS Internetworking Software for AP-VBS2000
- 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!

**AddPac Technology Co., Ltd.**  
Sales and Marketing

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