AP-VBS3000

Two(2)-Channel Full HD Video Broadcasting Server Next Generation IP based Full HD Video Broadcasting Server Solution

Preliminary Product Overview

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





AddPac Technology

2011, Sales and Marketing

Contents

- Product Overview
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Product Overview

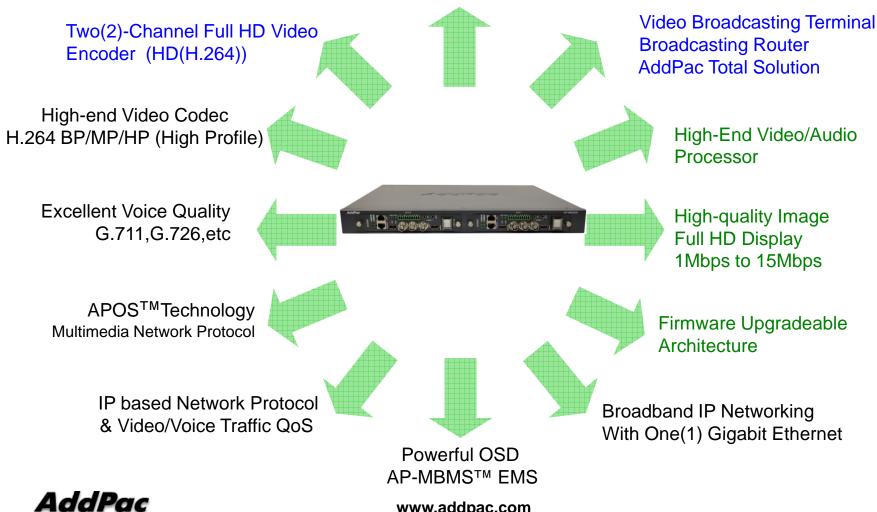
- IP based Full HD Video Broadcasting Service Solution
- High Performance Real-time Audio/Video Broadcasting Solution
- Multi-Channel Full HD Video Broadcasting Solution
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Multimedia Broadcasting Management Software (Client/Server Architecture)



Product Highlights

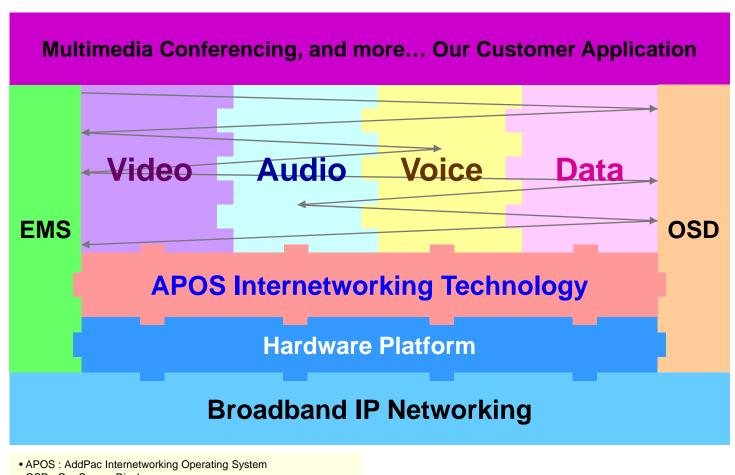
AP-VBS3000 Two(2)-Channel Full HD Video Broadcasting Server

IP based Full HD Video Broadcasting Server





Multimedia Service



- OSD : On- Screen Display
- EMS : Element Management System



Benefits and Features

- 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 Audio Codec
- Multi-Channel HD Video Encoding (Up to 2 Modules)
- 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



- High-End Video Processors + RSIC Processor
- Main Chassis
 - Up to Two(2) Video Encoder Module Slots
 - Various HD Video Module

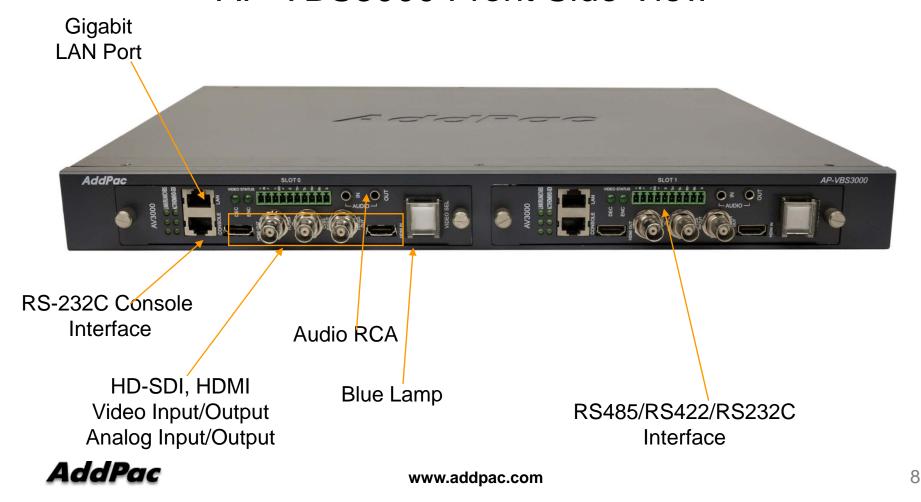
AV6000 Full HD Video Encoder Module (H.264 1080i, 720P Dual Encoding)	
AV5000E HD Video Encoder Module (H.264 720P, D1 Dual Encoding)	
AV3000 HD Video Encoder/Decoder Module (H.264 720P, D1 Dual Encoding)	



Hardware Specification

AP-VBS3000 Two(2)-Channel Full HD Video Broadcasting Server

AP-VBS3000 Front Side View



Hardware Specification

AP-VBS3000 Two(2)-Channel Full HD Video Broadcasting Server

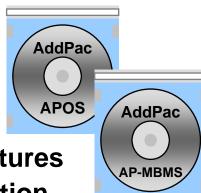
AP-VBS3000 Back Side View





Software Service

- 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

- 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 20Mbps Operating Video Traffic Bandwidth
- Video Buffer Control for Video Traffic QoS
 - Ensuring Optimized Quality
 - Frame Rate Control with Limited Bandwidth
- Up to Two(2) Video Channel Support
- HDMI, HD-SDI, Analog Video Interface
- RTP/UDP based Real-time Video Broadcasting Service



AP-VBS3000 Full HD Video Broadcasting Server

Application Area

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







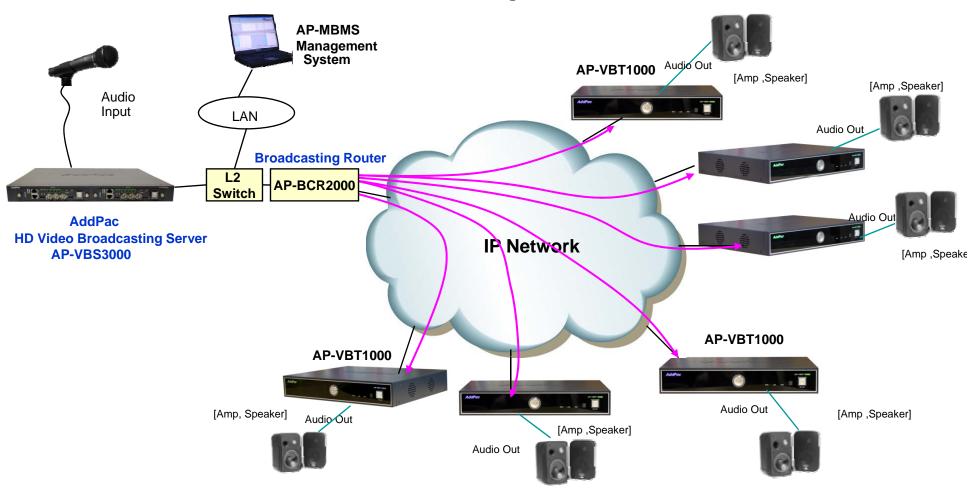
AP-VBT1000 HD Video Terminal



Audio Real-time Broadcasting

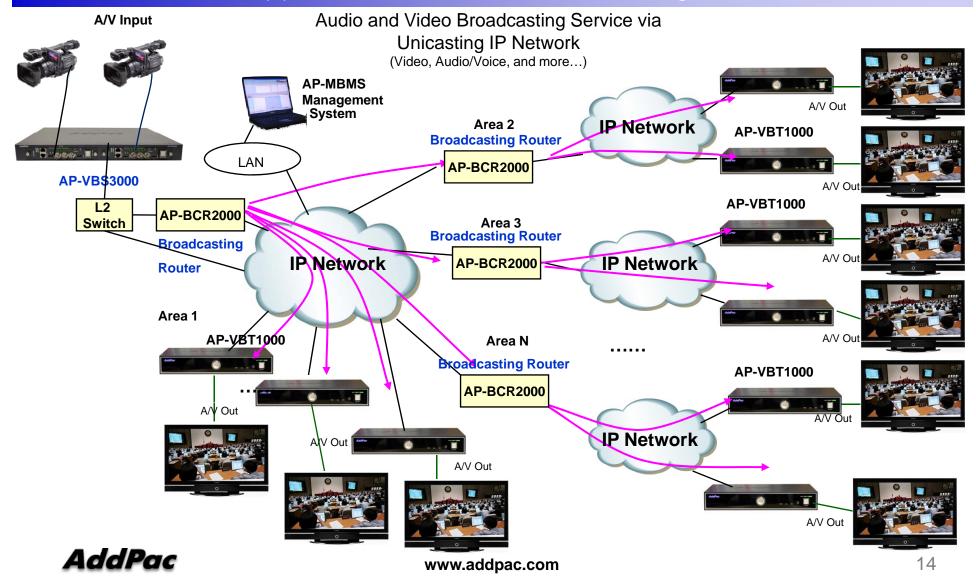
AP-VBS3000 Two(2)-Channel Full HD Video Broadcasting Server

Audio Broadcasting Service via IP Network





Audio/Video Real-time Broadcasting



Full HD IP Broadcasting Solution

AP-VBS3000 Two(2)-Channel Full HD Video Broadcasting Server

- Full HD IP Video Broadcasting Server :AP-VBS3000
- Audio/Video Broadcasting Manager : AP-MBMS
- IP Broadcasting Router : AP-BCR2000
- HD Video Broadcasting Terminal: AP-VBT1000
- Network Service Diagram



AP-VBS3000



AP-BCR2000







HD IP Broadcasting Server Comparison

	AP-VBS6000	AP-VBS3000
Video Codec	H.264 High Profile	H.264 High Profile
Video Resolution	1080i Full HD, 720P HD	1080i Full HD, 720P HD
Video Input Interface	Component, HD-SDI, HDMI	Component, HD-SDI, HDMI
Audio Interface	RCA Stereo Interface	RCA Stereo Interface
Channel Number	Up to Four(4) Video Input Support	Up to Two(2) Video Input Support
Video Terminal	AP-VBT1000	AP-VBT1000



Ordering Information

- AP-VBS3000 HD Video Broadcasting Server
 - AP-VBS3000 HD Video Broadcasting Server Main Chassis
 - AV6000,AV5000,AV3500,AV3000 Video Module : Option
 - Network Cable Set & Power Supply Cable, etc.
- Built-in APOS Internetworking Software for AP-VBS3000
- 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!

AddPac Technology Co., Ltd. Sales and Marketing

Phone +82.2.568.3848 (KOREA) FAX +82.2.568.3847 (KOREA) E-mail sales@addpac.com

