



AP-VBT200

IP HD Video Broadcasting Terminal

Next Generation IP based HD Video Broadcasting Terminal Solution

Product Overview



AddPac

AddPac Technology

Sales and Marketing

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Product Overview

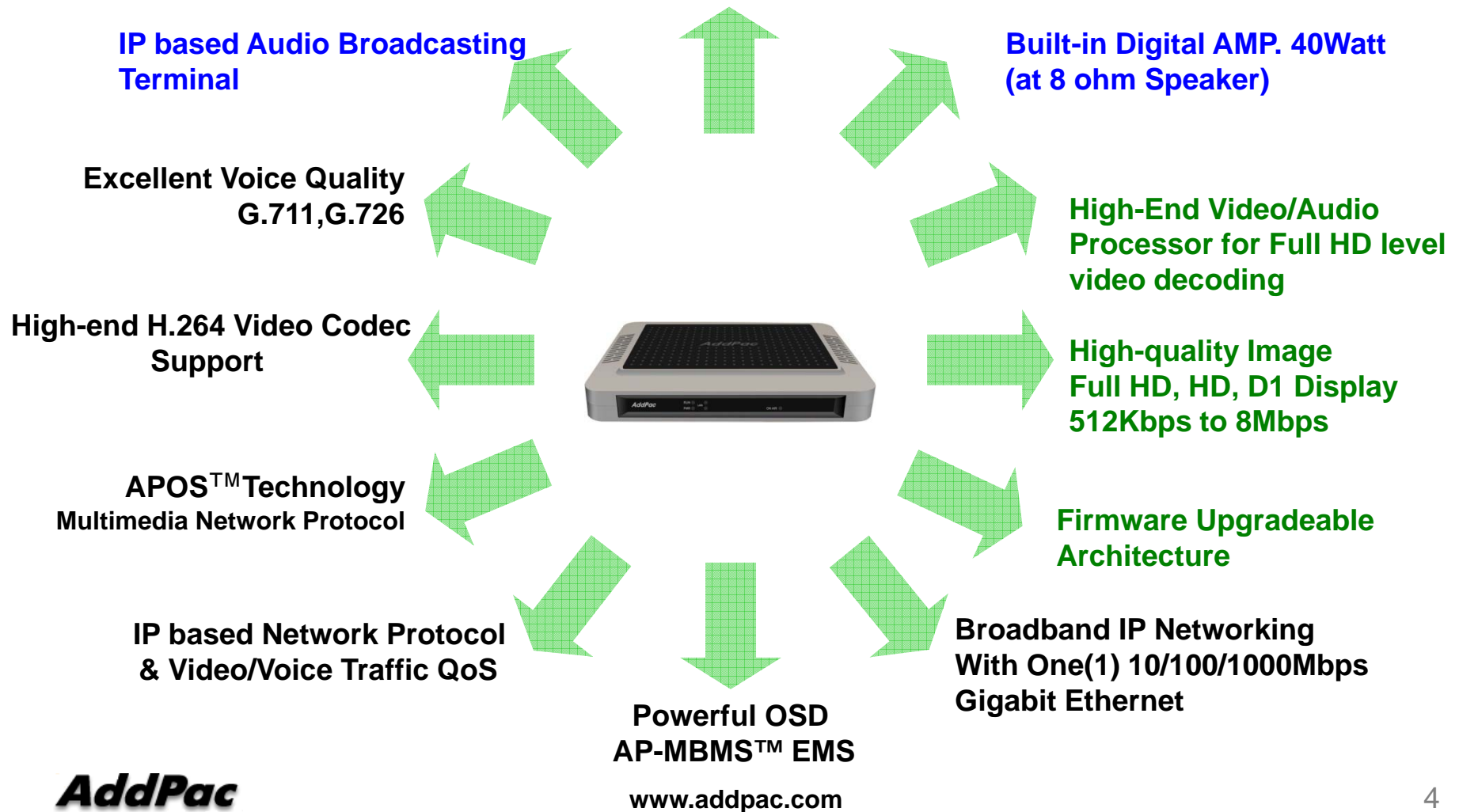
AP-VBT200 IP HD Video Broadcasting Terminal

- IP based Audio Broadcasting Solution
- IP based Audio/Video Hybrid Broadcasting Solution
- Built-In Digital AMP. for IP Audio Broadcasting (40Watt at 8ohm Speaker)
- HDMI Output Port Support for HDTV Video Display
- H.264 Full HD, HD, D1 Video Codec Support
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection

Product Highlights

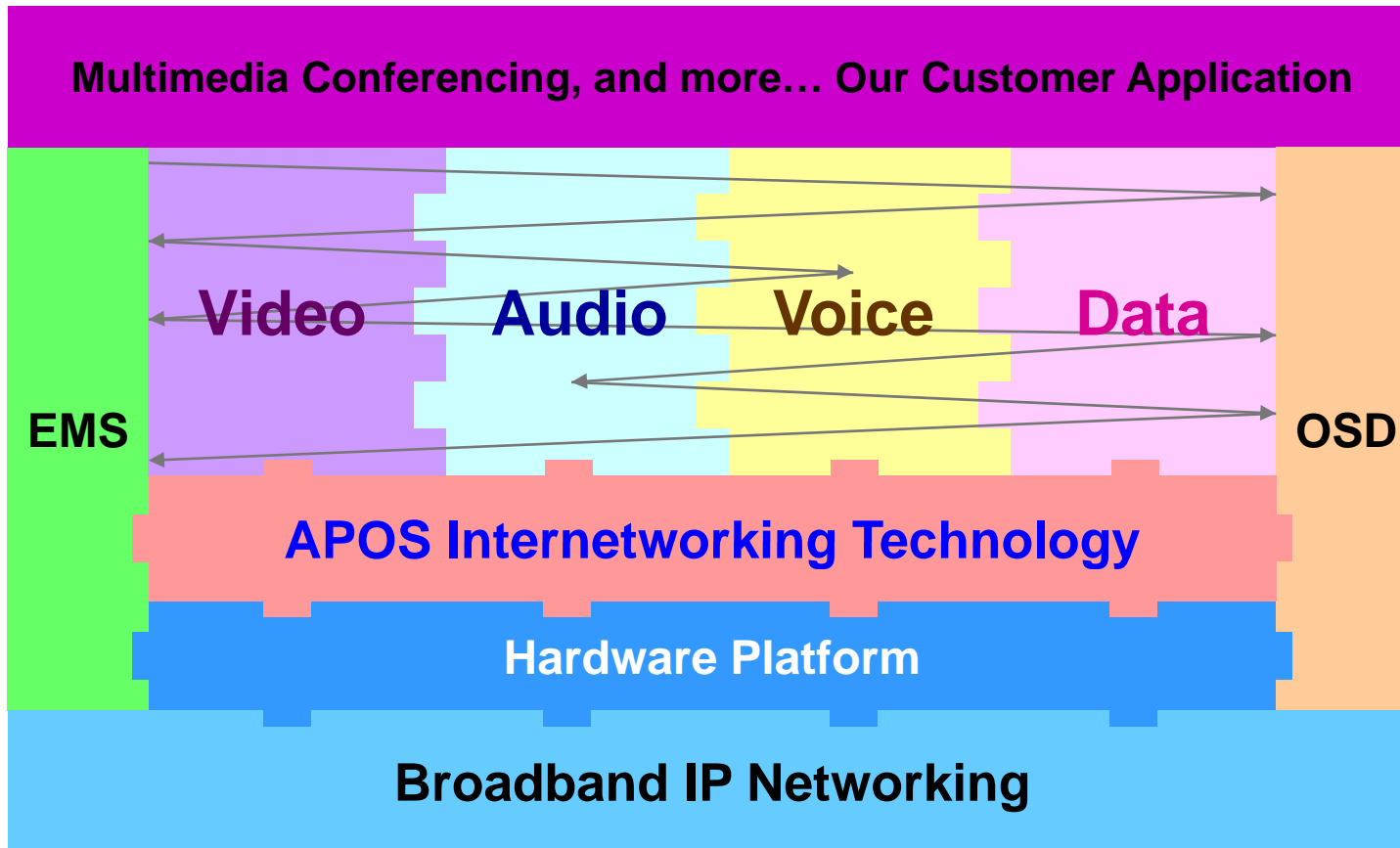
AP-VBT200 IP HD Video Broadcasting Terminal

IP based Full HD Video Broadcasting Terminal



Multimedia Service

AP-VBT200 IP HD Video Broadcasting Terminal



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

Benefits and Features

AP-VBT200 IP HD Video Broadcasting Terminal

- **High Quality Images up to 64kbps and 8Mbps**
- **High-performance Audio & Video Codec Support**
 - H.264 Video Codec
 - G.726, G.711, etc, Audio Codec
- **Up to 30 frame/sec, Full HD, HD, D1 Resolution**
- **RTP based Real-Time Full HD Broadcasting Service**
- **RTSP Audio/Video Streaming Protocol Service**
- **IP based Network Protocol Support**
- **Video Application**
 - Video Broadcasting Solution
 - Audio Broadcasting Solution
 - Video + Audio Broadcasting Solution (HDMI Output, Speaker Terminal Port)

Hardware Specification

AP-VBT200 IP HD Video Broadcasting Terminal

High-end
Video
Processor

- **High-End Audio/Video Processor**
- **Main Chassis**
 - **Power On/Off Switch (Back Panel)**
 - **On-AIR Indication LAMP (Front Panel)**
 - **Network Interface**
 - 10/100/1000Mbps Gigabit Ethernet
 - USB Interface
 - One(1) RS-232C Console (RJ45)
 - IR-Out Interface for External TV Control
 - IR-In Interface for Remocon
 - **Powerful Video Interface**
 - HDMI Output Interface
 - **High quality Audio and Voice Interface**
 - 3.5mm Audio Output Connector(SPK.)
 - 3.5mm Audio Input Connector (MIC.)
 - Digital AMP. Audio Output (Terminal Block Connector)
 - Audio Volume UP/DOWN Control Button

Hardware Specification

AP-VBT200 IP HD Video Broadcasting Terminal

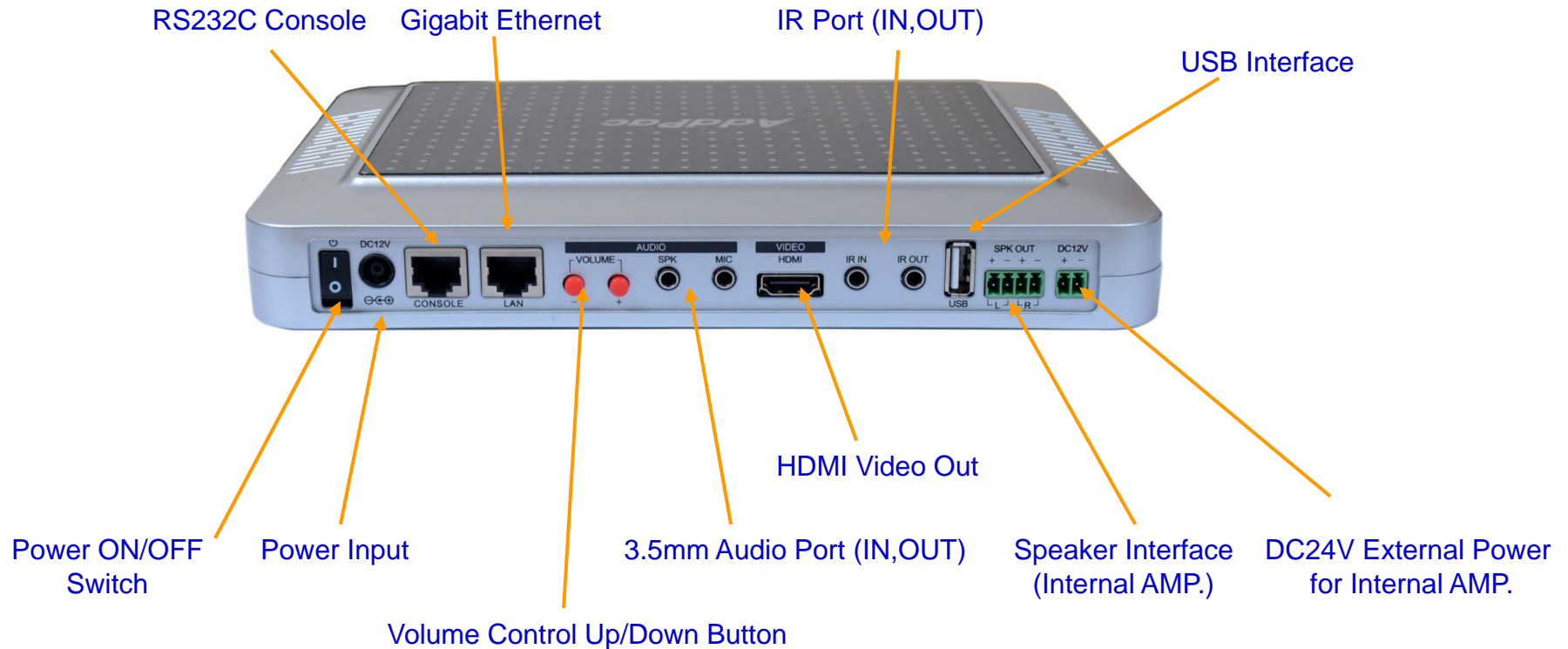


Status LEDs

ON Air LED

Hardware Specification

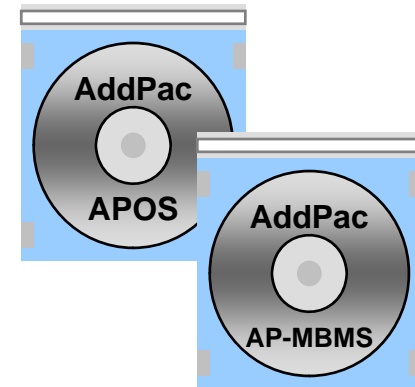
AP-VBT200 IP HD Video Broadcasting Terminal



Software Service

AP-VBT200 IP HD Video Broadcasting Terminal

- **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
- **Firmware Upgradeable DSP Architecture**
- **OSD (On-screen Display) Function Support**
- **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-VBT200 HD Video Broadcasting Terminal

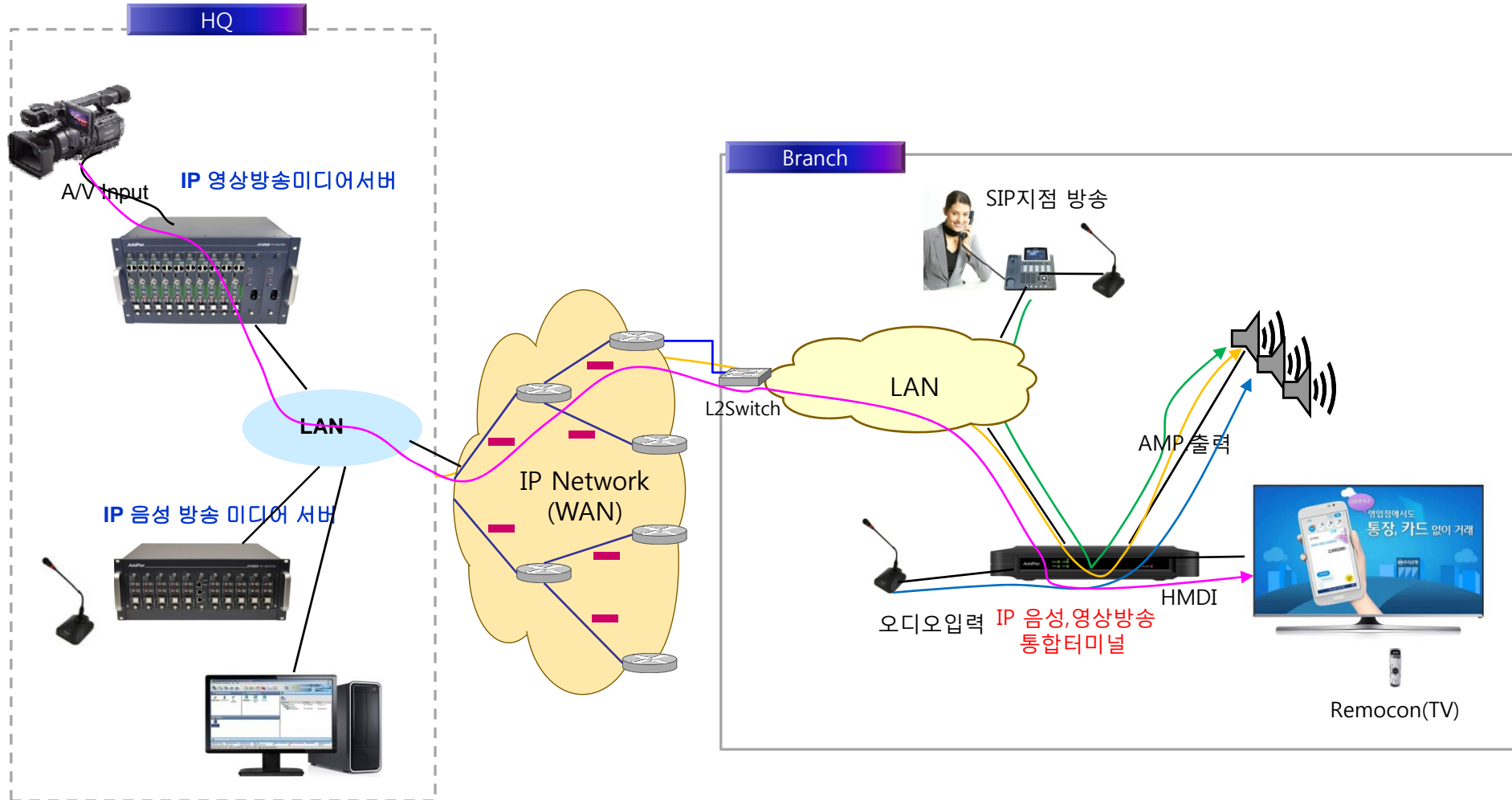
- **High-performance Video Codec Support**
 - H.264
- **Powerful Image Resolution Support**
 - D1(720x480), 720P(1280x720), 1080p(1920x1080)
- **Up to 30fps at Full HD-Resolution (H.264)**
- **64Kbps to 8Mbps Operating Video Traffic Bandwidth**
- **Video Buffer Control for Video Traffic QoS**
 - Ensuring Optimized Quality
 - Frame Rate with Limited Bandwidth
- RTP/UDP based Real-time Video Broadcasting Service
- RTSP Video Streaming Protocol Service

AP-VBT200 IP HD Video Broadcasting Terminal





Application Area

- Audio Real-time Broadcasting
- Video Real-time Broadcasting
- Audio + Video Real-time Broadcasting

IP 음성 영상 통합 방송 구성도



IP Audio + Video Broadcasting Solution

IP Broadcasting Management S/W	IP Video Broadcasting Media Server AP-VBS7000	IP Audio Broadcasting Media Server AP-ABS5000	IP Audio/Video Broadcasting Terminal AP-VBT200
			
<p>Window based IP Broadcasting Management Software</p>	<ul style="list-style-type: none"> -Embedded Hardware Architecture -Group, Multi-Session Broadcasting -10 Module Slots for Video Codec -Dual Power Supply Module -H.264 Video Codec (Full HD,HD, D1) Resolution -High Quality Audio Codec -Voice Codec (G.711, G.726,etc) 	<ul style="list-style-type: none"> - Embedded Hardware Architecture -10 Module Slots for Audio Codec -Real-time OS -Dual Power Supply Module -High Quality Audio Codec -Voice Codec (G.711, G.726, etc) 	<ul style="list-style-type: none"> -Embedded Hardware Design -On-Air LED - Volume Control Button -40Watt AMP. (Option) -HDMI Video Output -Voice Broadcasting Mode -Video Broadcasting Mode -Video(HDMI) + Voice Concurrent Mode -Full HD, HD, D1 H.264 Decoder

Ordering Information

- **AP-VBT200 IP HD Video Broadcasting Terminal Hardware**
 - AP-VBT200 IP Video Broadcasting Terminal Main Body
 - High-performance Video Processor Architecture
 - 1-port 10/100/1000Mbps Gigabit Ethernet and 1-port RS-232C Console
 - One(1) USB Port
 - HDMI Output Interface
 - 3.5mm Audio Input, Output Interface
 - IR Input, Output Interface
 - Digital AMP. Audio Output : Option
 - Volume Up/Down Button
 - Including Network Cable Set & Power Supply Cable. Etc
- **Built-in APOS Internetworking Software for AP-VBT200**
- **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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Sales and Marketing

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