

# AP-VBT200

## IP HD Video Broadcasting Terminal

Next Generation IP based HD Video Broadcasting Terminal Solution



Product Overview

**AddPac**

**AddPac Technology**

Sales and Marketing

# Contents

- Product Overview
- Benefits and Features
- Hardware Specification
- Multimedia Service
- Software Service
- Video Service & Features
- Audio & Voice Service and Features
- Application Area
- HD IP Broadcasting Solution
- Ordering Information

# Product Overview

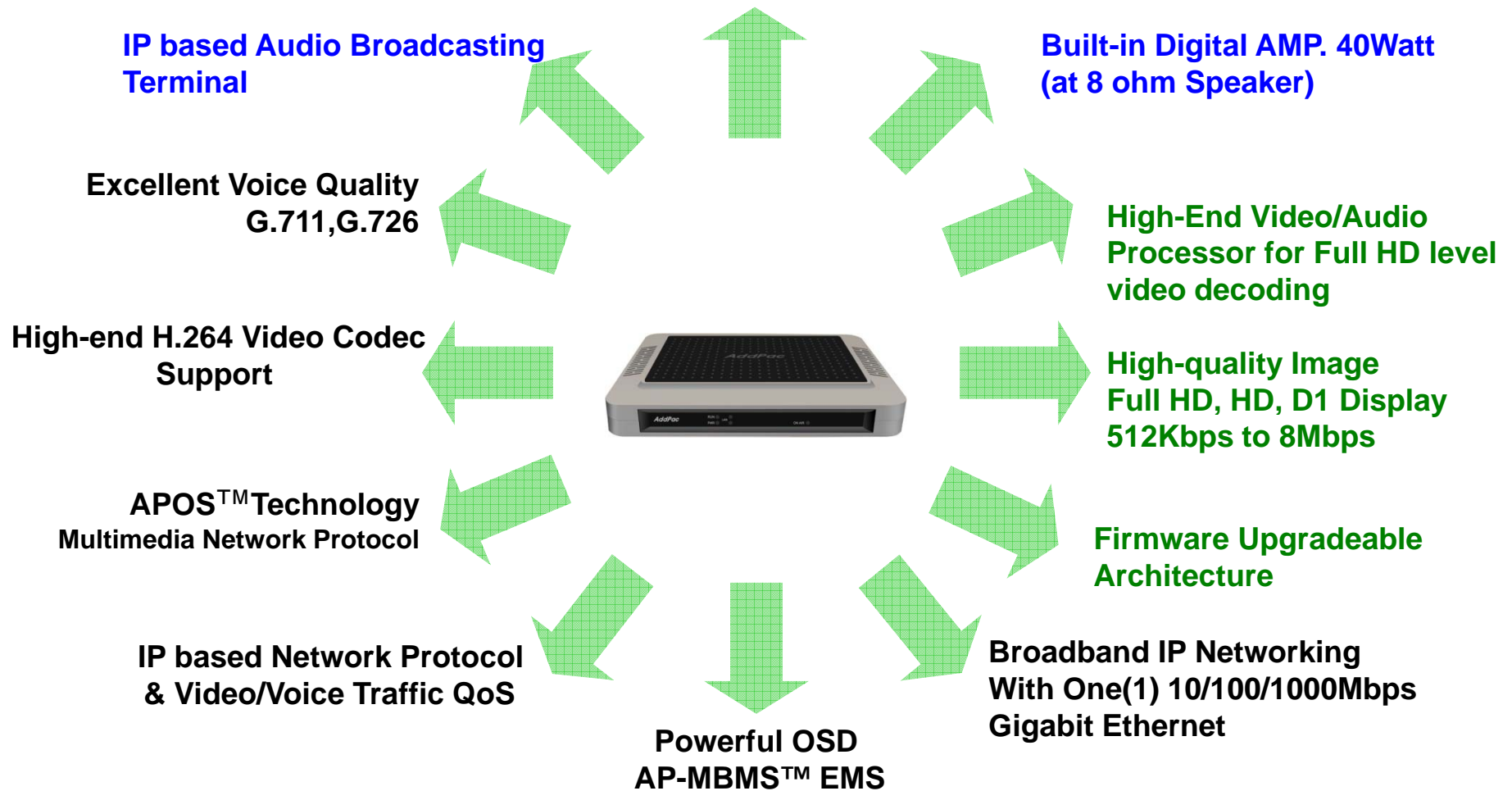
## AP-VBT200 IP HD Video Broadcasting Terminal

- 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

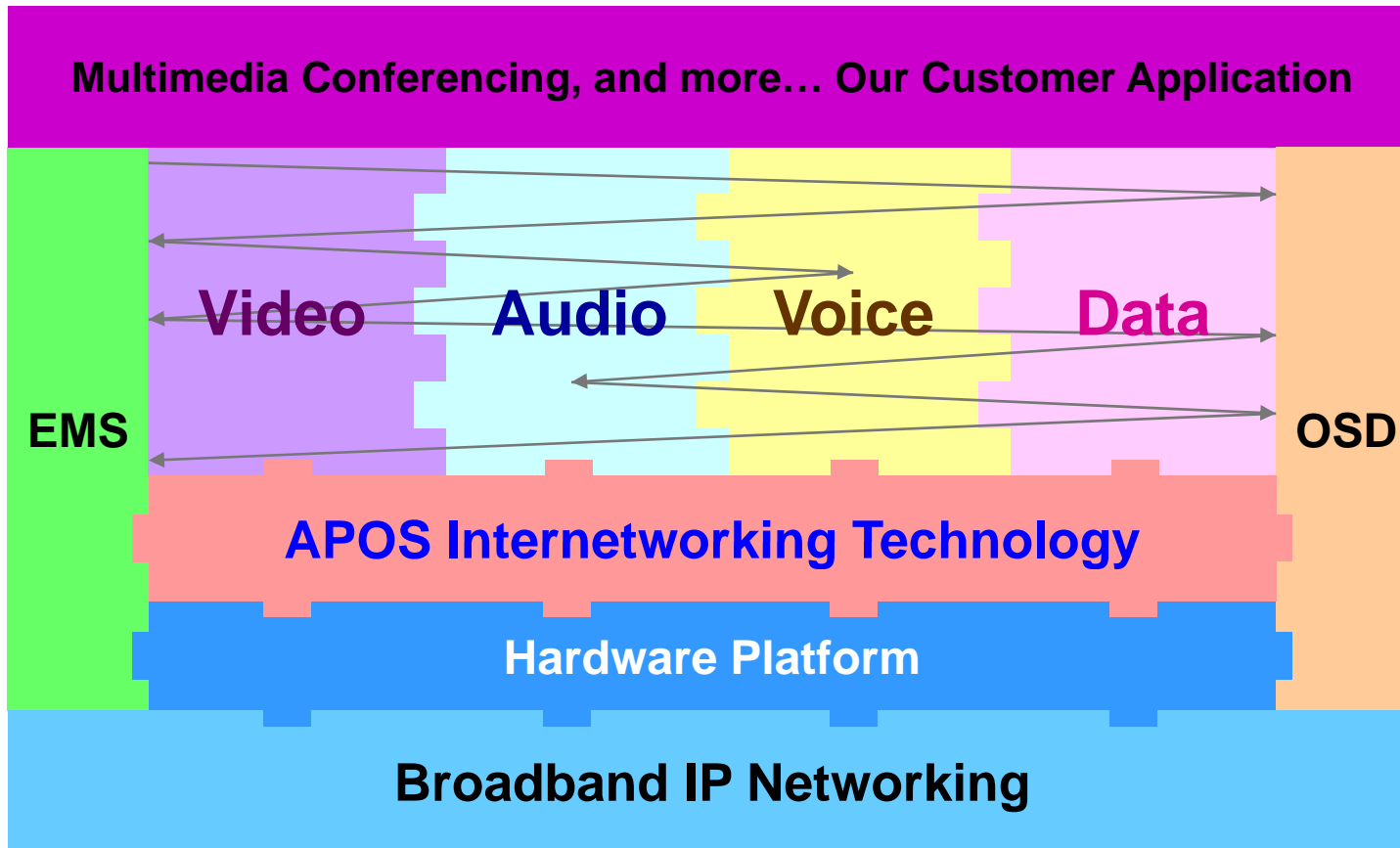


**AddPac**

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

# 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

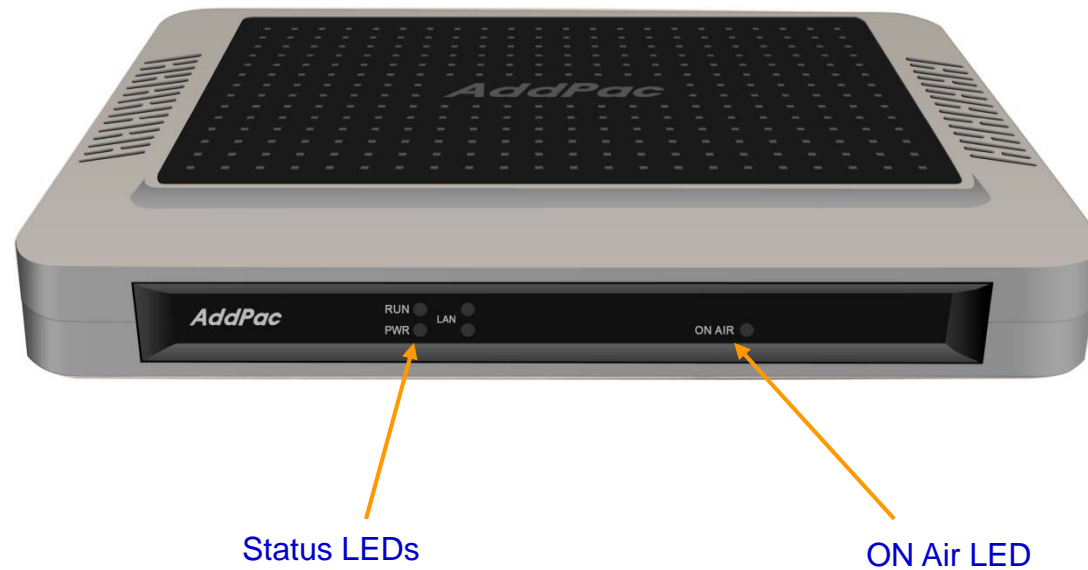
AP-VBT200 IP HD Video Broadcasting Terminal

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

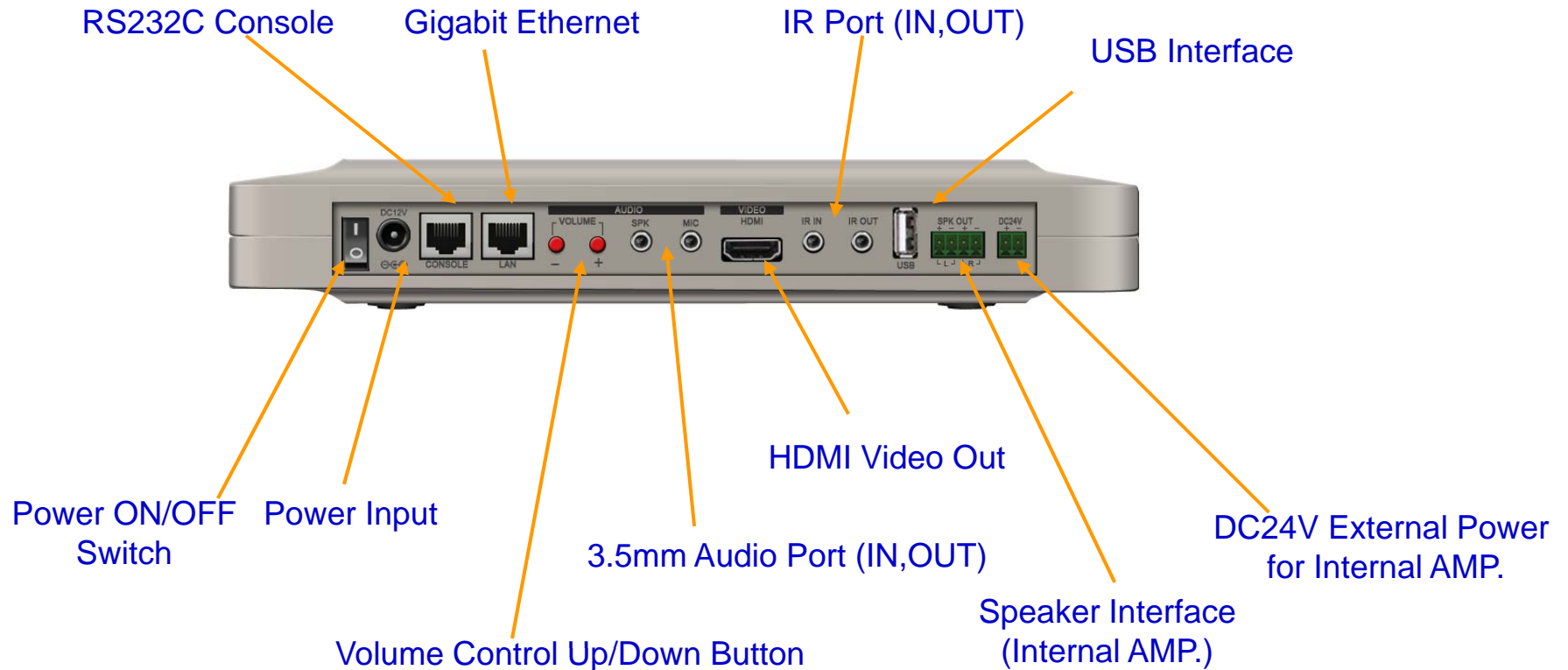
AP-VBT200 IP HD Video Broadcasting Terminal





# Hardware Specification

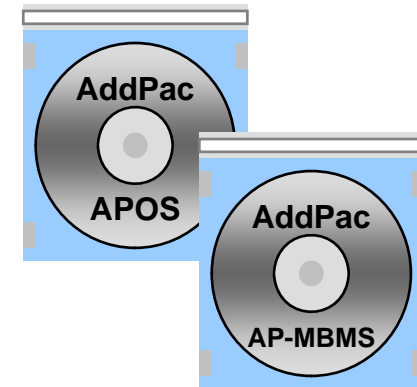
## AP-VBT200 IP HD Video Broadcasting Terminal



# 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

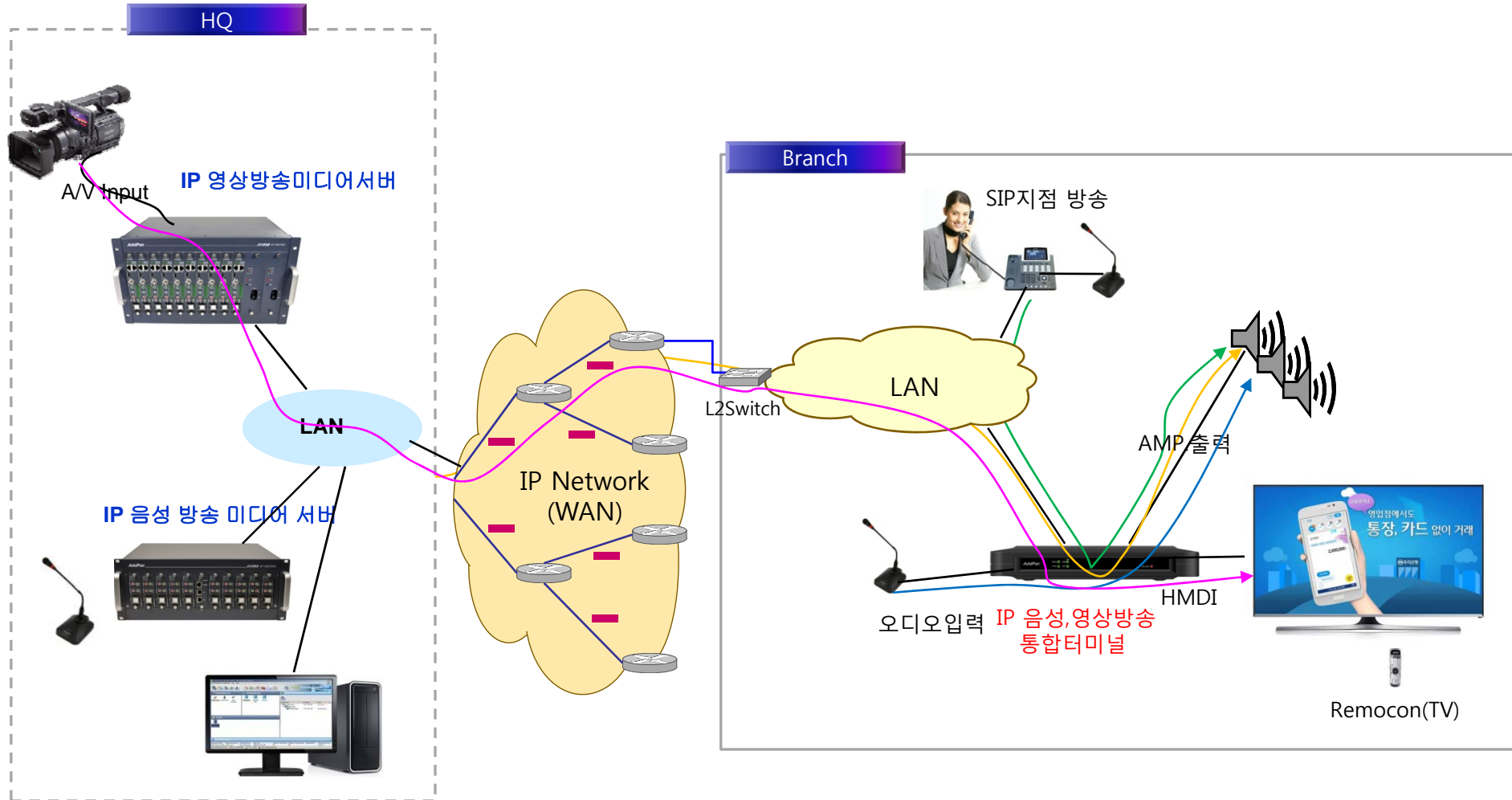
- **High-performance Video Codec Support**
  - H.264
- **Powerful Image Resolution Support**
  - D1(720x480), 720P(1280x720), 1080p(1920x1080)
- **Up to 30fps at Full HD-Resolution (H.264)**
- **64Kbps to 8Mbps Operating Video Traffic Bandwidth**
- **Video Buffer Control for Video Traffic QoS**
  - Ensuring 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"> <li>-Embedded Hardware Architecture</li> <li>-Group, Multi-Session Broadcasting</li> <li>-10 Module Slots for Video Codec</li> <li>-Dual Power Supply Module</li> <li>-H.264 Video Codec (Full HD,HD, D1) Resolution</li> <li>-High Quality Audio Codec</li> <li>-Voice Codec (G.711, G.726,etc)</li> </ul>	<ul style="list-style-type: none"> <li>- Embedded Hardware Architecture</li> <li>-10 Module Slots for Audio Codec</li> <li>-Real-time OS</li> <li>-Dual Power Supply Module</li> <li>-High Quality Audio Codec</li> <li>-Voice Codec (G.711, G.726, etc)</li> </ul>	<ul style="list-style-type: none"> <li>-Embedded Hardware Design</li> <li>-On-Air LED</li> <li>- Volume Control Button</li> <li>-40Watt AMP. (Option)</li> <li>-HDMI Video Output</li> <li>-Voice Broadcasting Mode</li> <li>-Video Broadcasting Mode</li> <li>-Video( HDMI) + Voice Concurrent Mode</li> <li>-Full HD, HD, D1 H.264 Decoder</li> </ul>

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



# Thank you!

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

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