



# AP-VBPP™

## Video Broadcasting Solution

High-performance Video Broadcasting Solution

VBPP (Video Broadcasting Provision Platform)



# **AddPac**

**AddPac Technology**

2005, Sales and Marketing

# AP-VBPP Video Broadcasting Provision Platform

- Product Overview
- Video Broadcasting Network Diagram
- Product Specifications

AP-VP300  
Video Phone



AP-VP1000  
Video Service Router



AP-VG700  
Video Gateway



AP-VR2000  
Video Service Router



AP5840  
Video Broadcasting Server



AP5850  
Video Broadcasting Server

**AddPac**

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

# Product Overview

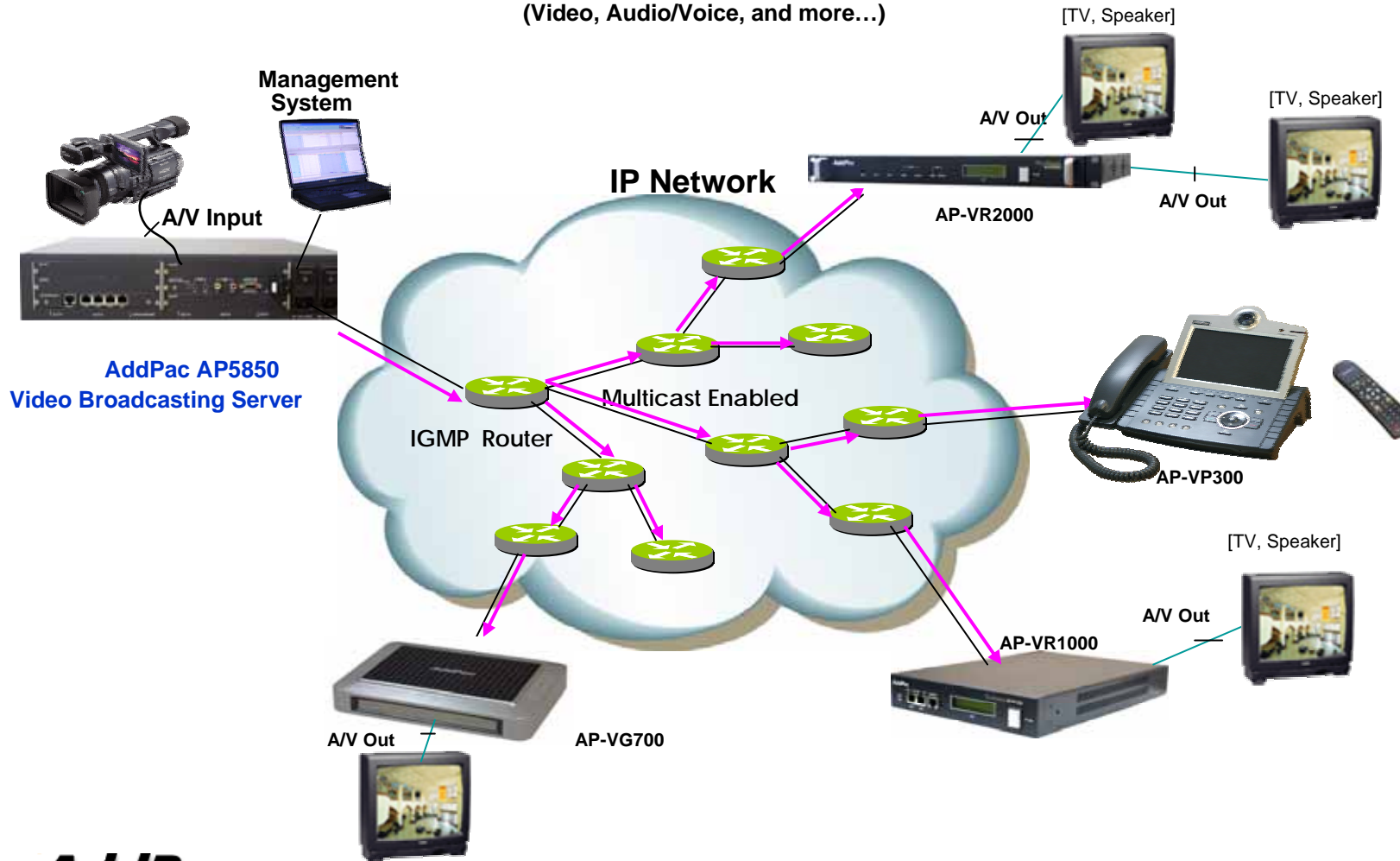
## AP-VBPP Video Broadcasting Provision Platform

- IP based Video Broadcasting Service Solution
- Multicasting Protocol Support, IGMP, etc
- High Performance Real-time Audio/Video Broadcasting Solution
- High Performance Non-Real-time Scheduled 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)

# Audio/Video Broadcasting

## AP-VBPP Video Broadcasting Provision Platform

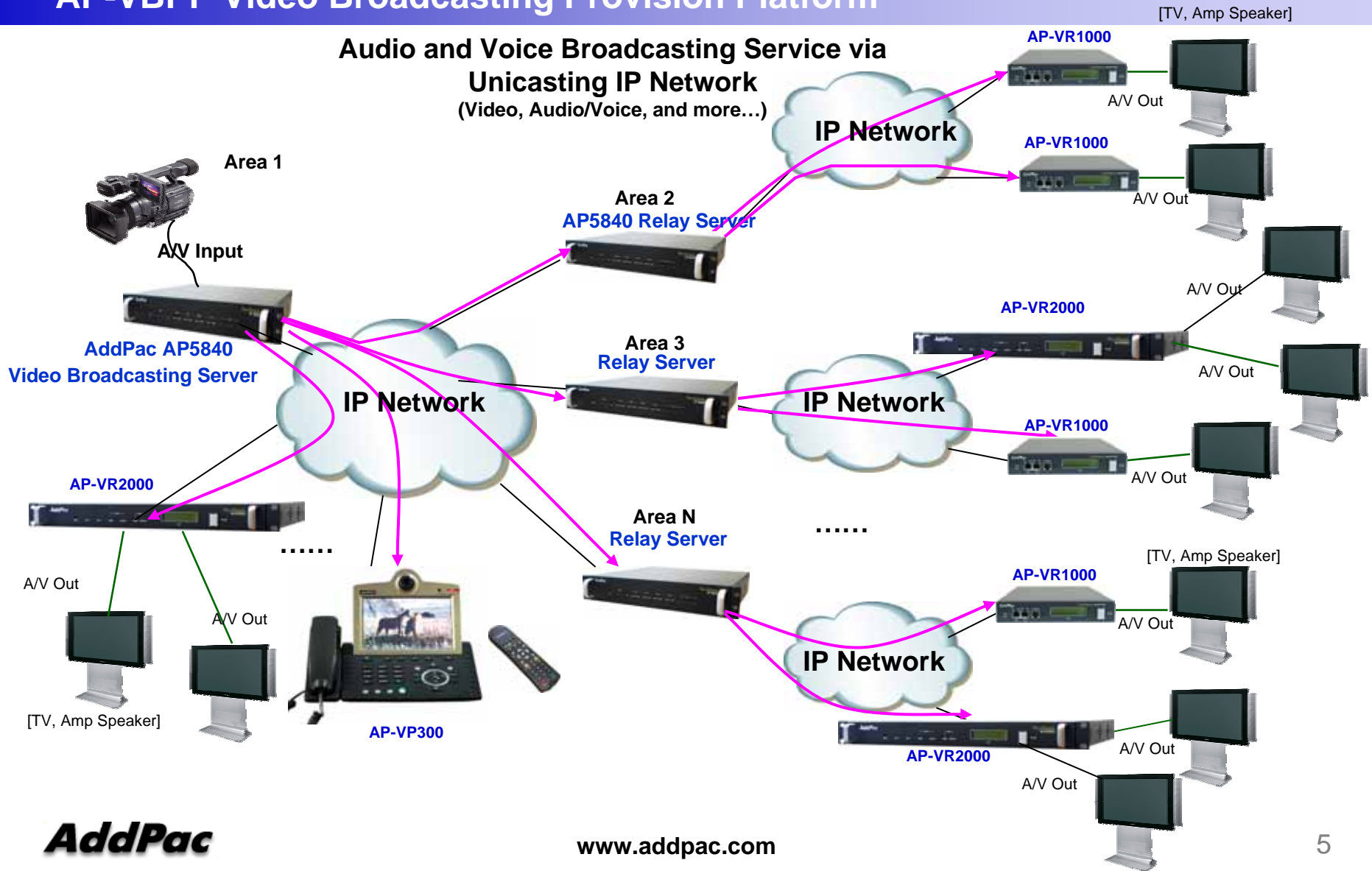
Audio and Video Broadcasting Service via  
Multicasting IP Network  
(Video, Audio/Voice, and more...)



# Audio/Video Broadcasting

## AP-VBPP Video Broadcasting Provision Platform

Audio and Voice Broadcasting Service via  
Unicasting IP Network  
(Video, Audio/Voice, and more...)

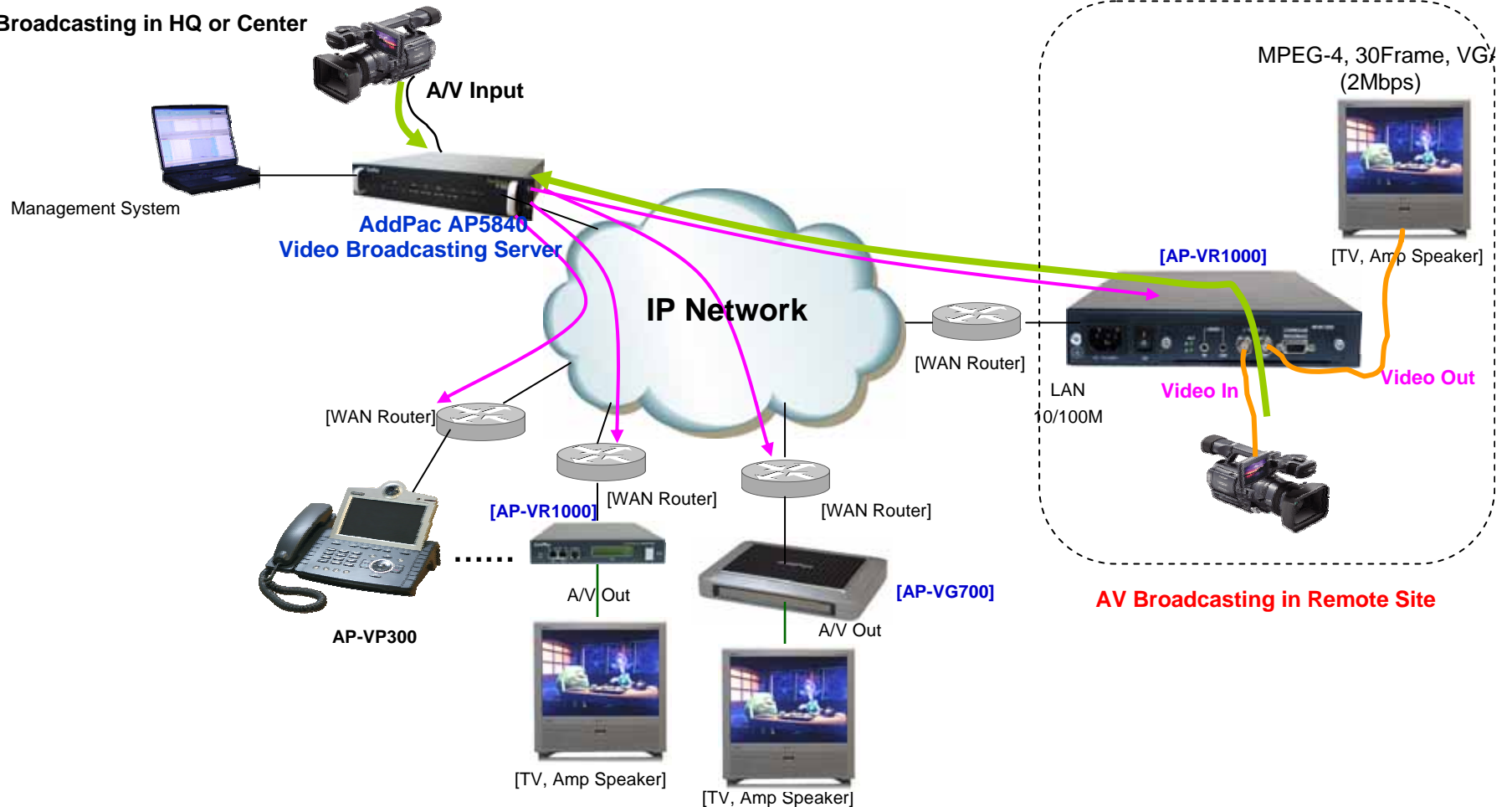


# Audio/Video Broadcasting

## AP-VBPP Video Broadcasting Provision Platform

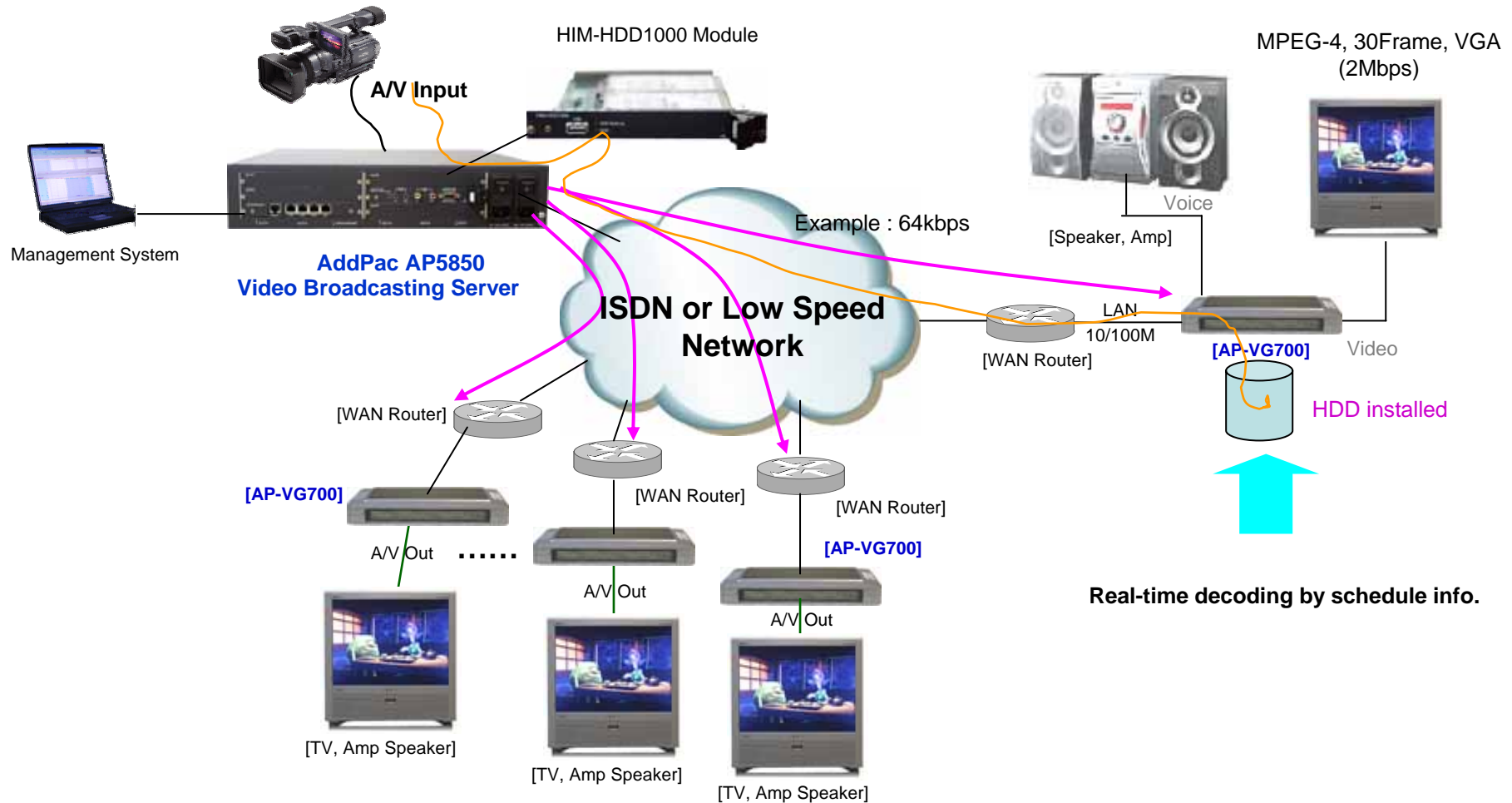
### Remote Site Audio and Video Broadcasting Service (Video, Audio/Voice, and more...)

AV Broadcasting in HQ or Center



# Non-Realtime Scheduled Video Broadcasting

## AP-VBPP Video Broadcasting Provision Platform



# AP5850

## Video Broadcasting Server

- Embedded Platform
- Real-time Video Encoding, Transmission
- RTP/RTSP Support, IGMP Support
- RISC Microprocessor Computing Power
- High-end Programmable DSP Hardware Architecture
- Main Chassis
  - One(1) RS-232C Console (RJ45), Four(4) Fast Ethernet Port
  - Four(5) Module Slot
  - Dual Power Supply
- Video Modules : Hot Swap
  - Ex: AP-AV1000(One(1) channel Audio/Video In/Out, RS-232C)
- Network Module : Hot Swap
  - ATM, Frame Relay, V.35 Interface Module, Giga Ethernet Module, **HDD Module**





# AP5840

## Video Broadcasting Server

- Embedded Platform
- Real-time Video Encoding, Transmission
- RTP/RTSP Support, IGMP Support
- RISC Microprocessor Computing Power
- High-end Programmable DSP Hardware Architecture
- Main Chassis
  - One(1) RS-232C Console (RJ45), Four(4) Fast Ethernet Port
  - Four(4) Module Slot
  - Dual Power Supply
- Various Video Module
  - Ex : AP-AV1000(One(1) channel Audio/Video In/Out, RS-232C)
- **Network Module**
  - ATM, Frame Relay, V.35 Interface Module, Giga Ethernet Module



# AP-VR2000 Video Service Router

- **64bit RISC Microprocessor Computing Power**

- **Main Chassis**

- **Network Interface**

- Two(2) 10/100Mbps Fast Ethernet
    - One(1) RS-232C Console (RJ45)



- **Video Codec Modules (Ex:AP-AV1000)**

- **Powerful Video Interface**

- RCA/BNC Video Input/Output

- **High quality Audio and Voice Interface**

- Stereo Audio Input Connector
    - Stereo Audio Output Connector

- **Network Interface**

- One(1) RS-232C/RS-422 Interface for Camera Control



**AddPac**

Two(2) Fast Ethernet

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

# AP-VR1000 Video Service Router

- **64bit RISC Microprocessor Computing Power**
- **Main Chassis**
  - **Network Interface**
    - Two(2) 10/100Mbps Fast Ethernet
    - One(1) RS-232C Console (RJ45)
- **Various Video Modules**
- **High Quality Images up to 64kbps and 2Mbps**
- **High-performance Audio & Video Codec Support**
  - H.263, MPEG-4, and H.264 Video Codec
  - Line IN/OUT : G.726, G.711, MP-3 Codec
- **Up to 30 frame/sec, 640 x 480(VGA) Resolution**
- **IP based Network Protocol Support**



# AP-VP300 Video Phone

- **7 Inch LCD Display, Touch Screen**
- **External Video Interface**
  - Composite (RCA) Video In/Out, S-Video Out
  - Audio (RCA) In/Out
- **High-performance Video Codec Support**
  - H.263, MPEG-4, JPEG, and H.264
- **Powerful Image Resolution Support**
  - QCIF(176x144), CIF(352x288), QVGA(320x240), and VGA(640x480)
- **Up to 30fps at 1Mbps with VGA-Resolution(MPEG-4)**
- **Video Conference Call Support (AddPac MCU Inter-working)**
- **SIP, H.323 Signaling Support**
- **Rate Control for Video Traffic QoS**
  - Ensuring Optimized Quality
  - Frame Rate with Limited Bandwidth
- **High-end Error Resilient Against Various Packet Error**



# AP-VG700 Video Gateway

64bit  
CPU

High-end  
DSP

- **64bit RISC Microprocessor Computing Power**
- **Built-in High-end Programmable DSP Hardware Architecture**
- **Powerful Video Interface**
  - RCA Video Input/Output, S-Video Input/Output
- **High quality Audio and Voice Interface**
  - Stereo Audio Input Connector
  - Stereo Audio Output Connector
  - 5.1 Channel Audio Output Connector
- **Network Interface**
  - Two(2) 10/100Mbps Fast Ethernet
  - One(1) RS-232C Console
  - One(1) USB 2.0 Interface for HDD, CF File System



# AP-VBPP Video Broadcasting Provision Platform

# 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](mailto:sales@addpac.com)