

HD IP Broadcasting Solution for HQ-Branch Enterprise



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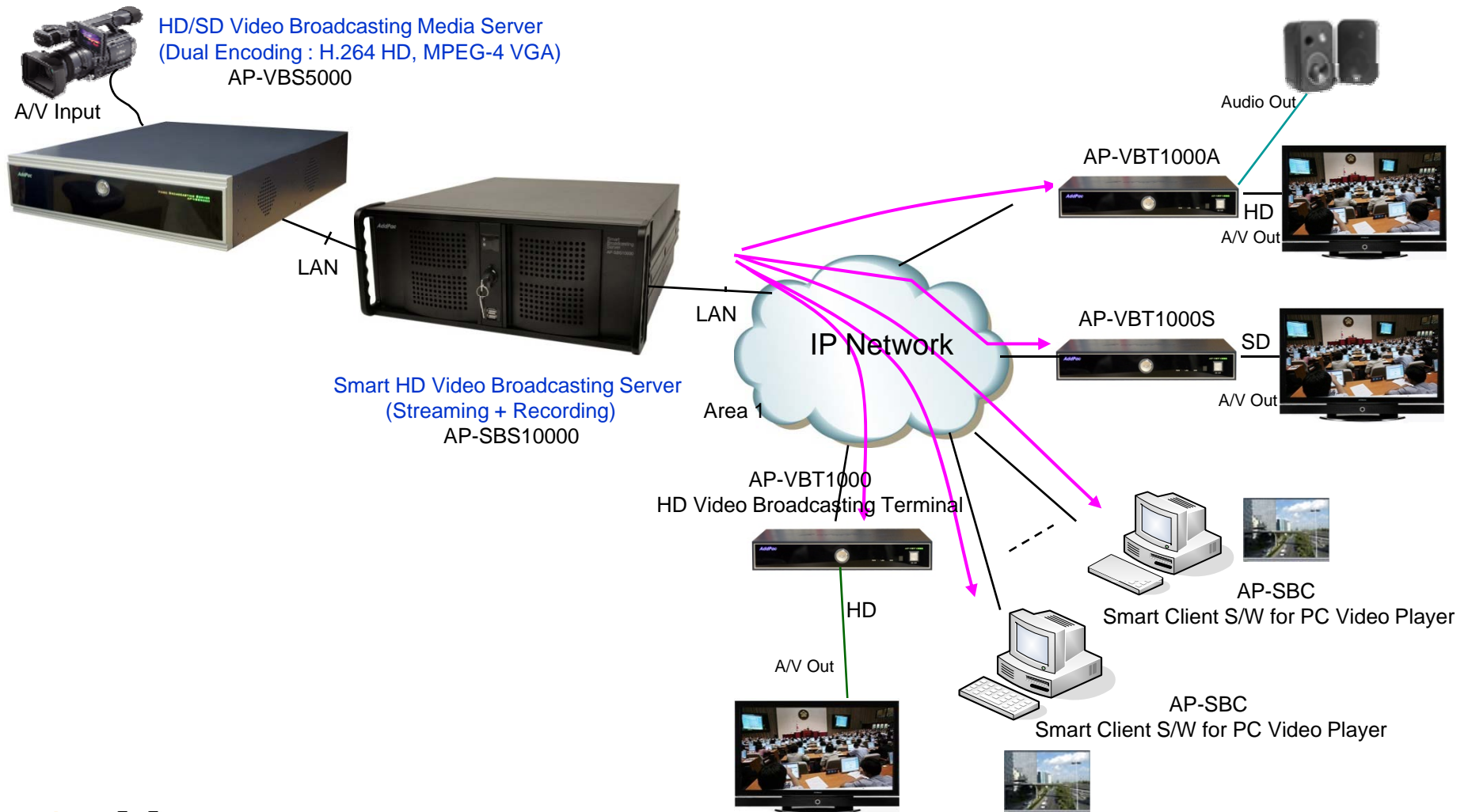
AddPac Technology

Sales and Marketing

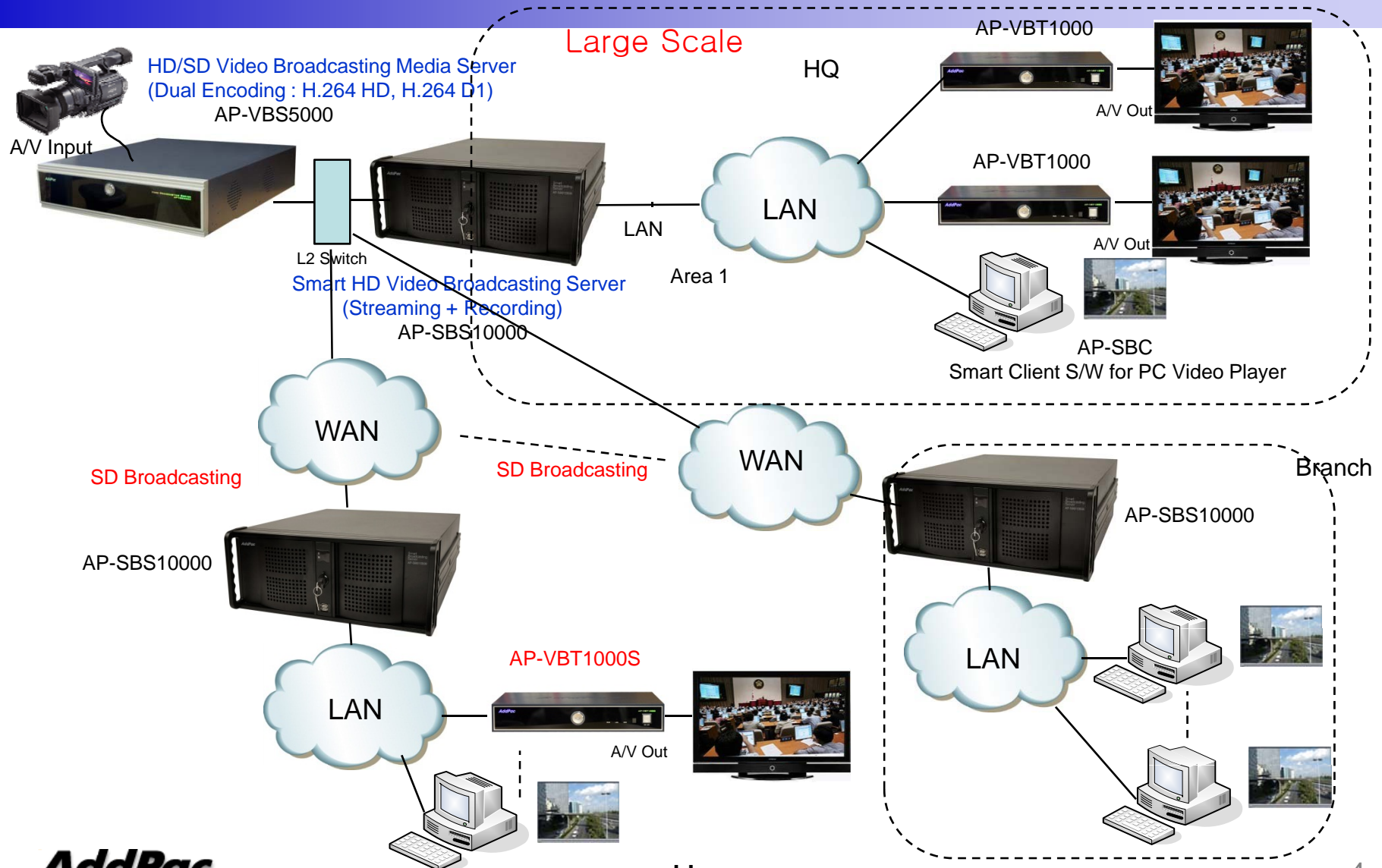
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- Network Diagrams
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 - HD IP Broadcasting Media Encoder
: AP-VBS7000, AP-VBS6000, AP-VBS5000, AP-VBS3000
 - HD IP Broadcasting Server: AP-SBS10000, AP-SBS1000
 - HD IP Broadcasting Router : AP-BCR3000, AP-BCR2000
 - HD IP Broadcasting Terminal : AP-VBT1000, AP-VBT1000A,
AP-VBT1000S
 - HD Video Selector : AP-VBS2
 - HD Broadcasting Management System : AP-MBMS

IP Video Broadcasting Service Diagram



IP Video Broadcasting Service Diagram









HD IP Broadcasting Media Encoder Solution

Contents

- HD IP Broadcasting Media Encoder Comparison Table
- HD IP Broadcasting Media Encoder Series
 - AP-VBS7000 : 10 Channel
 - AP-VBS6000 : 4 Channel
 - AP-VBS5000 : 2 Channel
 - AP-VBS3000 : 2 Channel

HD IP Broadcasting Media Encoder Comparison Table

| | AP-VBS7000 | AP-VBS6000 | AP-VBS5000 | AP-VBS3000 |
|-----------------------|---|--|---|---|
| |  |  |  |  |
| Video Codec | H.264 High Profile | H.264 High Profile | H.264 Video Codec, MPEG4 | H.264 High Profile |
| Video Resolution | 1080i Full HD, 720P HD | 1080i Full HD, 720P HD | H.264 : 720P HD MPEG4 : VGA, QVGA | 1080i Full HD, 720P HD |
| Video Input Interface | HD-SDI, HDMI | HD-SDI, HDMI | Component, HD-SDI, RCA, S-Video, RGB | HD-SDI, HDMI |
| Audio Interface | RCA Stereo Interface | RCA Stereo Interface | RCA Stereo Interface | RCA Stereo Interface |
| Channel Number | Up to Ten(10) Video Channel | Up to Four(4) Video Channel | Two(2) Video Support | Up to Two(2) Video Channel |
| Video Terminal | AP-VBT1000 ,etc | AP-VBT1000 ,etc | AP-VBT1000, AddPac Video Phones | AP-VBT1000 ,etc |



AP-VBS7000 Video Media Encoder

HD IP Broadcasting Media Encoder

AP-VBS7000 Video Media Encoder

Main Features

- IP based HD Video Broadcasting Service Solution
- High Performance Real-time Audio/Video Broadcasting Solution
- Multi-Channel HD Video Broadcasting Solution
- Ten(10) Module Slots for Video Media Encoder
- High-end Video Codec, H.264 High Profile
- Up to 30 frame/sec, 1080i Full HD, 720P HD Video Resolution Support
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- RTP, RTSP Protocol based Broadcasting Service
- IP based Network Protocol, Video/Voice Traffic QoS

HD IP Broadcasting Media Encoder

AP-VBS7000 Video Media Encoder

Hardware Specification

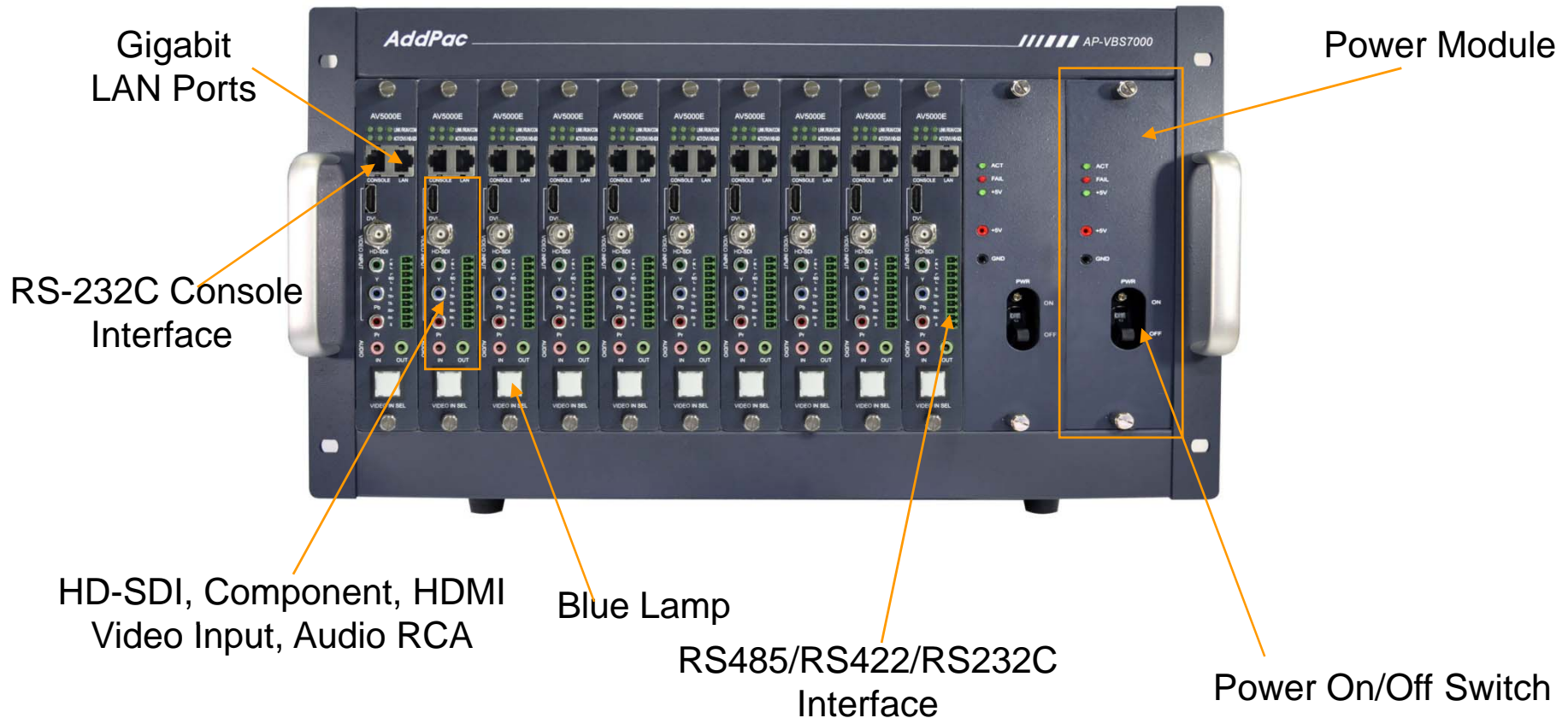
- High-End Video Processors + RSIC Processor
- Main Chassis
 - Power On/Off Switch
 - Up to Ten(10) Video Encoder Module Slots
 - AV3500 HD Video Encoder Module
 - Network Interface
 - One(1) 10/100/1000Mbps Gigabit Ethernet
 - One(1) RS-232C Console (RJ45)
 - RS485/RS422/RS232 Interface
 - Video Interface (Input)
 - Component
 - HD-SDI Interface
 - HDMI Interface
 - Audio Interface (Input/Output)
 - RCA Stereo Connector

HD IP Broadcasting Media Encoder

AP-VBS7000 Video Media Encoder

Hardware Specification

AP-VBS7000 Front Side View



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HD IP Broadcasting Media Encoder

AP-VBS7000 Video Media Encoder

Hardware Specification

AP-VBS7000 Back Side View



Cooling FAN

AC110~220V Free Voltage
Power Inlet



AP-VBS6000 Video Media Encoder

HD IP Broadcasting Media Encoder

AP-VBS6000 Video Media Encoder

Main Features

- IP based HD Video Broadcasting Service Solution
- High Performance Real-time Audio/Video Broadcasting Solution
- Multi-Channel HD Video Broadcasting Solution
- Four(4) Module Slots for Video Media Encoder
- High-end Video Codec, H.264 High Profile
- Up to 30 frame/sec, 1080i Full HD, 720P HD Video Resolution Support
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- RTP, RTSP Protocol based Broadcasting Service
- IP based Network Protocol, Video/Voice Traffic QoS

HD IP Broadcasting Media Encoder

AP-VBS6000 Video Media Encoder

Hardware Specification

- High-End Video Processors + RSIC Processor
- Main Chassis
 - Power On/Off Switch
 - Up to Four(4) Video Encoder Module Slots
 - AV3500 HD Video Encoder Module
 - Network Interface
 - One(1) 10/100/1000Mbps Gigabit Ethernet
 - One(1) RS-232C Console (RJ45)
 - RS485/RS422/RS232 Interface
 - Video Interface (Input)
 - Component
 - HD-SDI Interface
 - HDMI Interface
 - Audio Interface (Input/Output)
 - RCA Stereo Connector

HD IP Broadcasting Media Encoder

AP-VBS6000 Video Media Encoder

Hardware Specification

AP-VBS6000 Front Side View

Gigabit LAN Port



RS-232C Console Interface

HD-SDI, Component, HDMI Video Input, Audio RCA

Blue Lamp

RS485/RS422/RS232C Interface

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HD IP Broadcasting Media Encoder

AP-VBS6000 Video Media Encoder

Hardware Specification

AP-VBS6000 Back Side View



AC110~220V Free Voltage
Power Inlet

Power On/Off Switch



AP-VBS5000 Video Media Encoder

HD IP Broadcasting Media Encoder

AP-VBS5000 Video Media Encoder

Main Features

- IP based HD Video Broadcasting Service Solution
- High Performance Real-time Audio/Video Broadcasting Solution
- Two(2) Channel HD Video Broadcasting Solution
- High-end Video Codec, H.264(HD), MPEG4(SD)
- Up to 30 frame/sec, 720P HD Video Resolution Support
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- RTP, RTSP Protocol based Broadcasting Service
- IP based Network Protocol, Video/Voice Traffic QoS

HD IP Broadcasting Media Encoder

AP-VBS5000 Video Media Encoder

Hardware Specification

- High-End Host Processor + High Performance DSP
- Main Chassis
 - Power On/Off Switch
 - Network Interface
 - Two(2) 10/100/1000Mbps Gigabit Ethernet
 - One(1) RS-232C Console (RJ45)
 - Two(2) PTZ RS-232C Ports (Channel #0,#1)
 - Video Interface (Input)
 - RCA Composite (CH#0, CH#1)
 - S-Video(CH#0, CH#1)
 - Component (CH#0, CH#1)
 - RGB Interface (CH#0, CH#1)
 - HD-SDI Interface (CH#0, CH#1)
 - Audio Interface (Input)
 - RCA Stereo Connector (CH#0, CH#1)

HD IP Broadcasting Media Encoder

AP-VBS5000 Video Media Encoder

Power On/Off Switch (blue lamp)



CH #0 A/V Output Block
(HD-SDI, RGB, Component, S-Video,
RCA, Audio RCA)

RS-232C PTZ Controller
for CH #0

CH #1 A/V Output Block



Free Voltage
Power Inlet

Gigabit
LAN Ports

Console
Interface

Power On/Off Switch

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AP-VBS3000 Video Media Encoder

HD IP Broadcasting Media Encoder

AP-VBS3000 Video Media Encoder

Main Features

- IP based HD Video Broadcasting Service Solution
- High Performance Real-time Audio/Video Broadcasting Solution
- Multi-Channel HD Video Broadcasting Solution
- Two(2) Module Slots for Video Media Encoder
- High-end Video Codec, H.264 High Profile
- Up to 30 frame/sec, 1080i Full HD, 720P HD Video Resolution Support
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- RTP, RTSP Protocol based Broadcasting Service
- IP based Network Protocol, Video/Voice Traffic QoS

HD IP Broadcasting Media Encoder

AP-VBS3000 Video Media Encoder

Hardware Specification

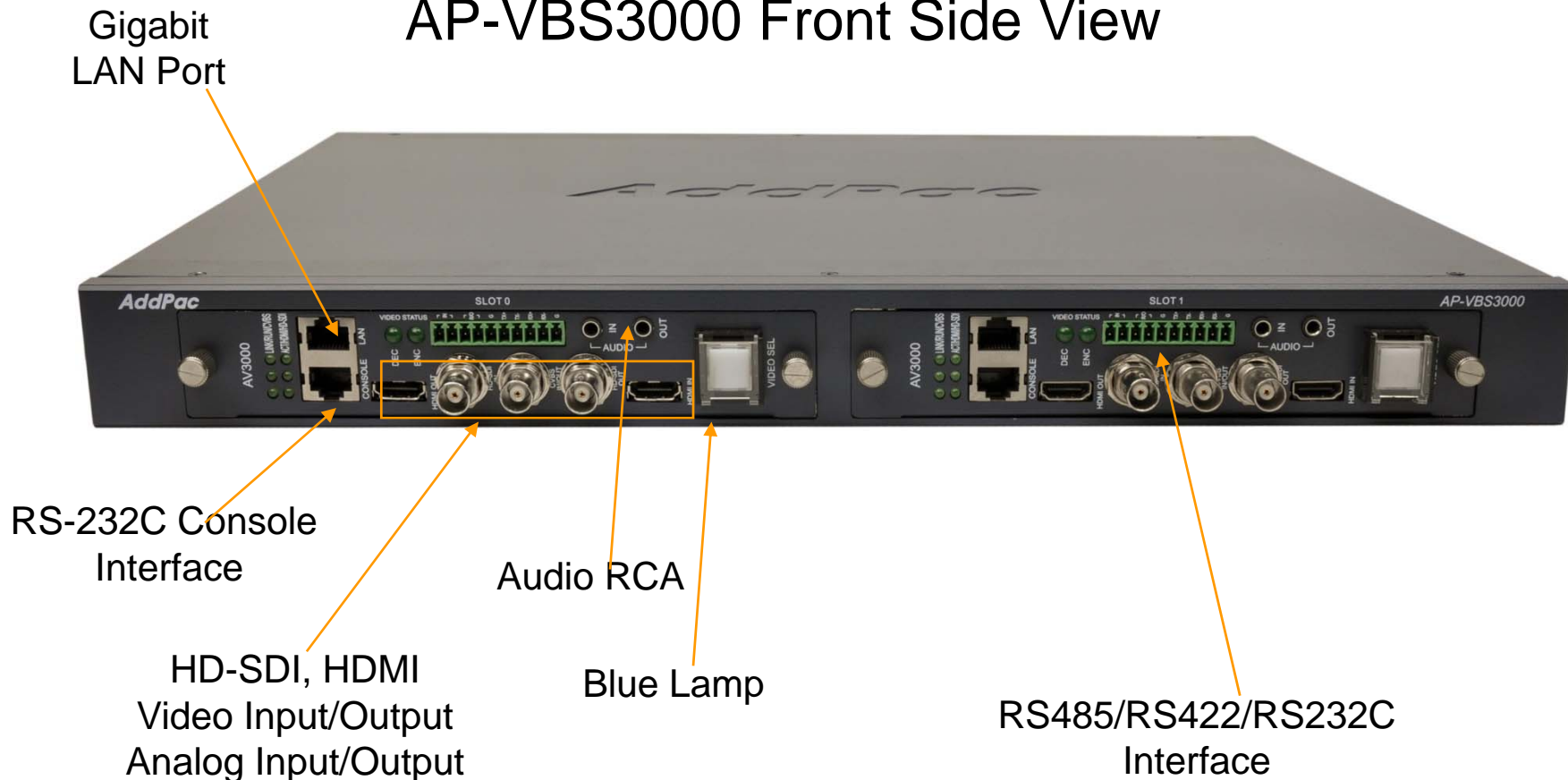
- High-End Video Processors + RSIC Processor
- Main Chassis
 - Power On/Off Switch
 - Up to Two(2) Video Encoder Module Slots
 - AV3500 HD Video Encoder Module
 - Network Interface
 - One(1) 10/100/1000Mbps Gigabit Ethernet
 - One(1) RS-232C Console (RJ45)
 - RS485/RS422/RS232 Interface
 - Video Interface (Input)
 - Component
 - HD-SDI Interface
 - HDMI Interface
 - Audio Interface (Input/Output)
 - RCA Stereo Connector

HD IP Broadcasting Media Encoder

AP-VBS3000 Video Media Encoder

Hardware Specification

AP-VBS3000 Front Side View



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HD IP Broadcasting Media Encoder

AP-VBS3000 Video Media Encoder

Hardware Specification

AP-VBS3000 Back Side View



AC110~220V Free Voltage
Power Inlet

Power On/Off Switch






HD IP Broadcasting Server Solution

Contents

- HD IP Broadcasting Server Comparison Table
- HD IP Broadcasting Server Series
 - AP-SBS10000 : Large Capacity
 - AP-SBS1000 : Small Capacity

HD IP Video Broadcasting Server Comparison Table

| | AP-SBS10000 | AP-SBS1000 |
|-----------------------|--|---|
| |  |  |
| Broadcasting Protocol | RTSP, RTP | RTSP, RTP |
| Broadcasting Service | Real-Time Live Broadcasting, On-Demand Service | Real-Time Live Broadcasting, On-Demand Service |
| Video Resolution | H.264 Video Codec, Full HD, HD, D1(SD) | H.264 Video Codec, Full HD, HD, D1(SD) |
| Hard Disk | Up to Four(4) SATA HDD | One(1) SATA HDD |
| Ethernet | One(1) 10/100/1000Mbps Gigabit Ethernet | One(1) 10/100/1000Mbps Gigabit Ethernet |
| Application | Large Scale Application | Small Scale Application |



AP-SBS10000
HD IP Broadcasting
Server
(Real-time & On-Demand)

HD IP Broadcasting Server

AP-SBS10000 Smart HD Broadcasting Server

Main Features

- High-Performance HD/D1 Video Broadcasting Service Features
- RTP, RTSP Protocol Support
- H.264 Video Codec, Full HD, HD, D1 Video Resolution Support
- HD Video Recording and Streaming Service
- Live Broadcasting and On-Demand Service
- Smart Client Broadcasting Video Player Support (MS-Window S/W, Web based)
- Smart Client Broadcasting Manager Support (MS-Window S/W, Web based)
- Powerful Management and User Friendly Features
- High-performance Audio and Video Service
- Firmware Upgradeable Architecture
- Up to 4 x 3.5Inch Hard Disk (SATA Type, 2Tera Byte Support)
- One(1) 10/100/1000Mbps Gigabit Ethernet Interface
- USB Interface Support (Front Side, Back Side)

HD IP Broadcasting Server

AP-SBS10000 Smart HD Broadcasting Server

Hardware Specification

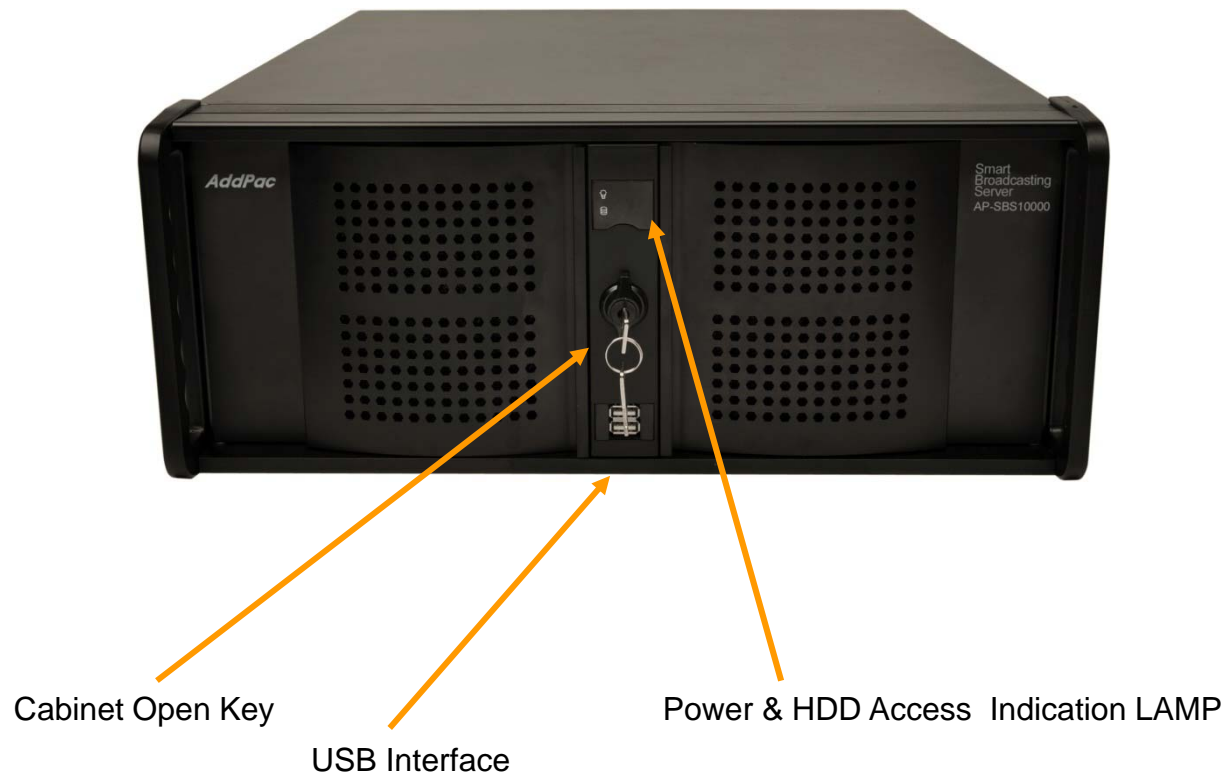
- High Performance Computing Power
- Main Chassis
 - Network Interface
 - One(1) 10/100/1000Mbps Fast Ethernet
 - Video Output Interface
 - HDMI, DVI, RGB Video Output
 - USB 2.0 Interfaces for Mouse, Keyboard, etc
 - One(1) DVD Writer for Video File Backup
 - Up to Four(4) Hard Disk

HD IP Broadcasting Server

AP-SBS10000 Smart HD Broadcasting Server

Hardware Specification

AP-SBS10000 Front Side

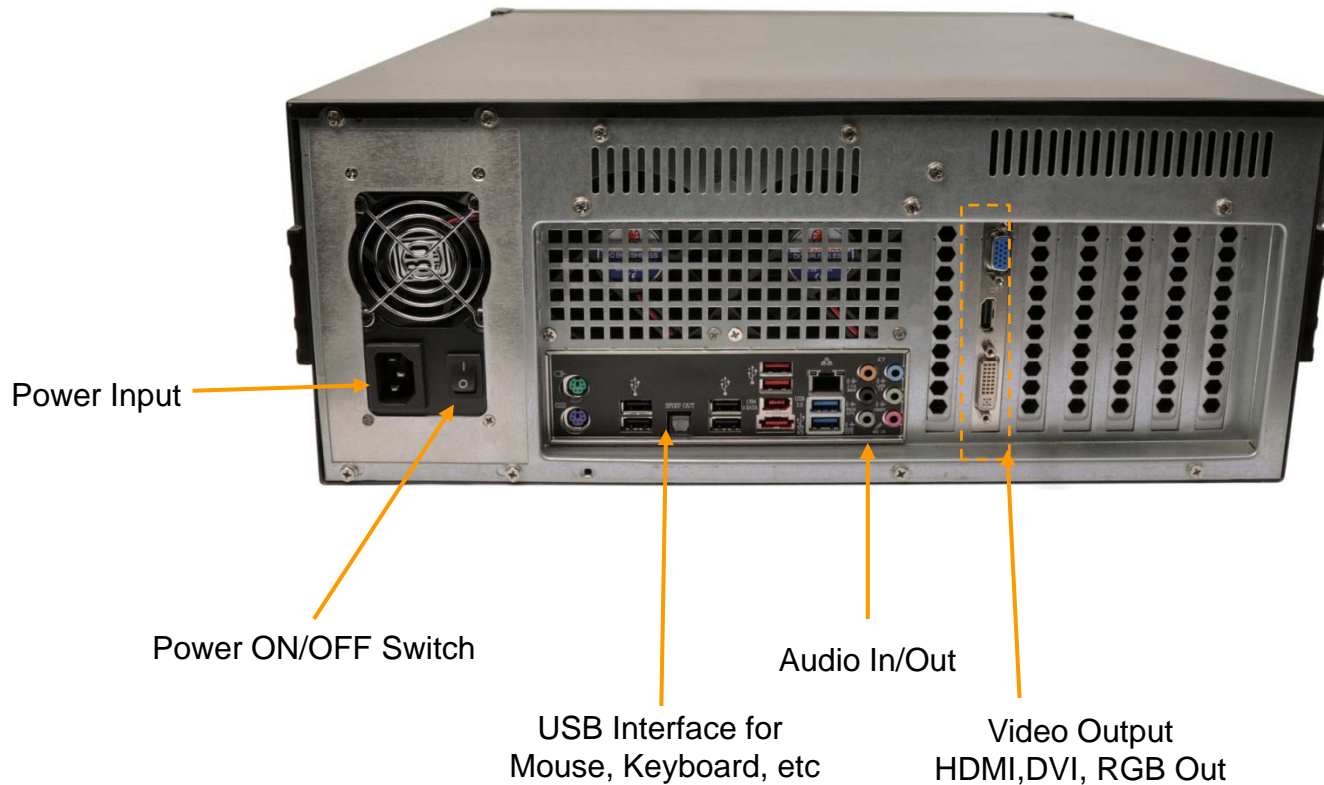



HD IP Broadcasting Server

AP-SBS10000 Smart HD Broadcasting Server

Hardware Specification

AP-SBS10000 Front Side





AP-SBS1000 HD IP Broadcasting Server

HD IP Broadcasting Server

AP-SBS1000 Smart HD Broadcasting Server

Main Features

- High-Performance HD/D1 Video Broadcasting Service Features
- RTP, RTSP Protocol Support
- H.264 Video Codec, Full HD, HD, D1 Video Resolution Support
- HD Video Recording and Streaming Service
- Live Broadcasting and On-Demand Service
- Smart Client Broadcasting Video Player Support (MS-Window S/W, Web based)
- Smart Client Broadcasting Manager Support (MS-Window S/W, Web based)
- Powerful Management and User Friendly Features
- High-performance Audio and Video Service
- Firmware Upgradeable Architecture
- Up to 1 x 3.5Inch Hard Disk (SATA Type, 2Tera Byte Support)
- One(1) 10/100/1000Mbps Gigabit Ethernet Interface

HD IP Broadcasting Server

AP-SBS1000 Smart HD Broadcasting Server

Hardware Specification

- High Performance Computing Power
- Main Chassis
 - Network Interface
 - One(1) 10/100/1000Mbps Fast Ethernet
 - One(1)-Port RS232C Port Interface
 - One(1) Hard Disk

AP-SBS1000 Front Side



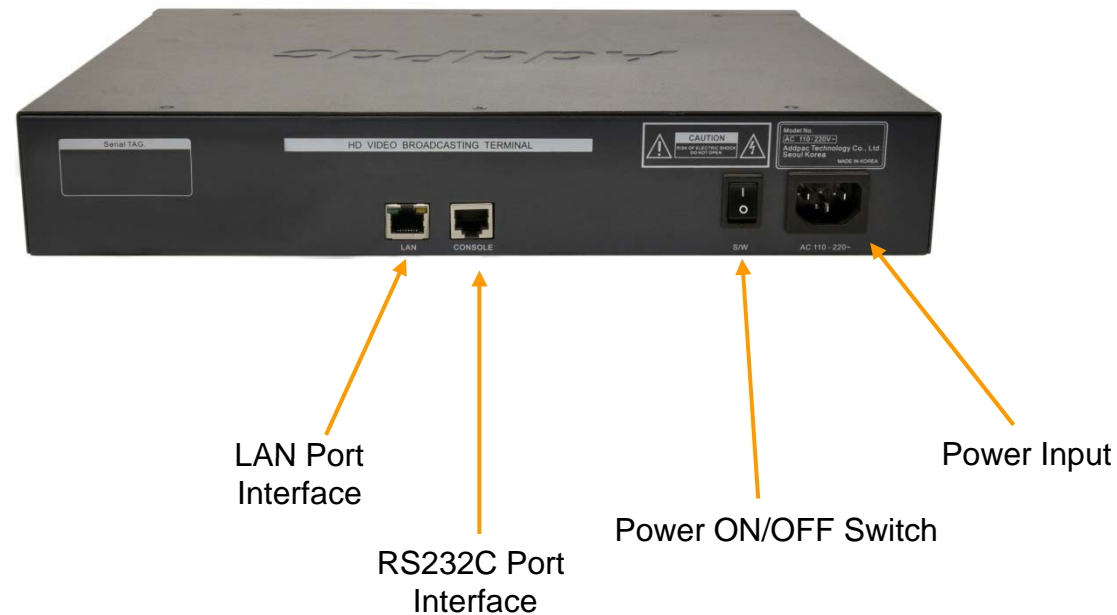
Power ON/OFF key and Indication LAMP LAN, HDD Access Indication LED


HD IP Broadcasting Server

AP-SBS1000 Smart HD Broadcasting Server

Hardware Specification

AP-SBS1000 Back Side








HD IP Broadcasting Router Solution (Real-time Only)

Contents

- HD IP Broadcasting Router Comparison Table
- HD IP Broadcasting Server Series
 - AP-BCR3000 : Large Capacity
 - AP-BCR2000 : Small Capacity

HD IP Broadcasting Router Comparison Table

| | AP-BCR3000 | AP-BCR2000 |
|-----------------------|--|---|
| |  |  |
| Broadcasting Protocol | RTSP, RTP | RTSP, RTP |
| Broadcasting Service | Real-Time Live Broadcasting | Real-Time Live Broadcasting |
| Video Resolution | H.264 Video Codec, Full HD, HD, D1(SD) | H.264 Video Codec, Full HD, HD, D1(SD) |
| Ethernet | Two(2) Gigabit Ethernet Module Slots | One(1) 10/100/1000Mbps Gigabit Ethernet |
| Application | Large Scale Application | Small Scale Application |



AP-BCR3000 HD IP Broadcasting Router

HD IP Broadcasting Router

AP-BCR3000 Broadcasting Router

Main Features

- RTSP, RTP Broadcasting Service
- 1:N Broadcasting Service Support
- Multicasting Protocol Support
- Two(2) Module Slots for Broadcasting Service
- Two(2) Gigabit Ethernet Interface Module
- IP based Audio/Video Broadcasting Solution
- IP based Network Surveillance Solution
- High-performance Audio/Video Broadcasting Service
- Routing on Demand Service for Video Monitoring
- Firmware Upgradeable Architecture
- Network Surveillance Solution with Outstanding Network Service Capability

HD IP Broadcasting Router

AP-BCR3000 Broadcasting Router

Hardware Specification

- 64bit RISC Microprocessor Computing Power
- Main Chassis
 - Network Interface
 - Two(2) 10/100Mbps Fast Ethernet
 - One(1) RS-232C Console (RJ45)
- Two(2) Gigabit Ethernet Module Slot

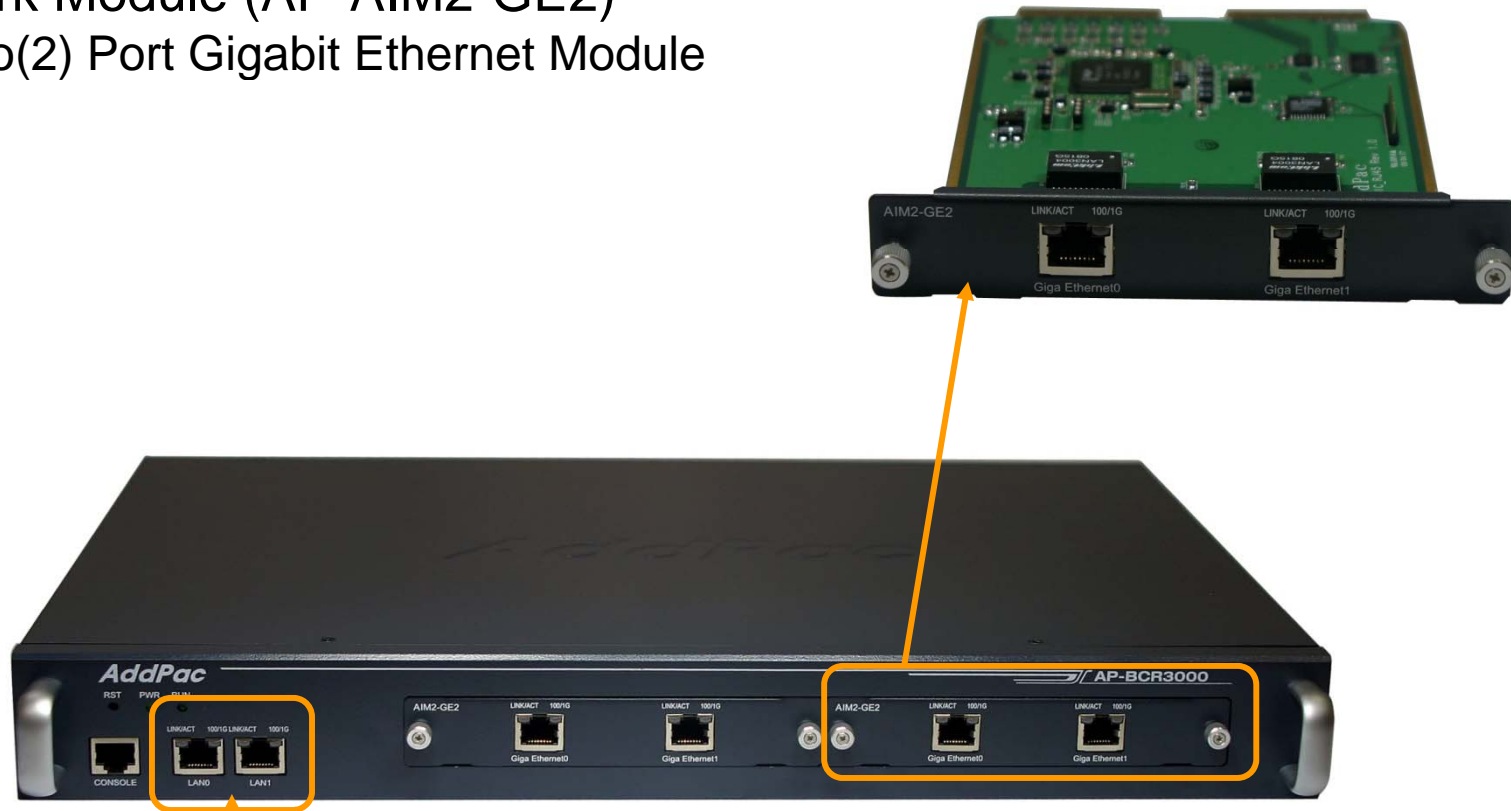


HD IP Broadcasting Router


AP-BCR3000 Broadcasting Router

Hardware Specification

- Network Module (AP-AIM2-GE2)
 - Two(2) Port Gigabit Ethernet Module



Two(2) Fast Ethernet



AP-BCR2000 HD IP Broadcasting Router

HD IP Broadcasting Router

AP-BCR2000 Broadcasting Router

Main Features

- RTSP, RTP Broadcasting Service
- 1:N Broadcasting Service Support
- Multicasting Protocol Support
- Two(2) Gigabit Ethernet Interface Module
- IP based Audio/Video Broadcasting Solution
- IP based Network Surveillance Solution
- High-performance Audio/Video Broadcasting Service
- Routing on Demand Service for Video Monitoring
- Firmware Upgradeable Architecture
- Network Surveillance Solution with Outstanding Network Service Capability

HD IP Broadcasting Router

AP-BCR2000 Broadcasting Router

Hardware Specification

- High-End RISC Microprocessor
- Main Chassis
 - Power On/Off Switch
 - Network Interface
 - Two(2) 10/100/1000Mbps Gigabit Ethernet
 - One(1) RS-232C Console (RJ45)
 - LED Display Array
 - CPU Utilization Display
 - Network Utilization Display

HD IP Broadcasting Router

AP-BCR2000 Broadcasting Router

Hardware Specification








HD IP Broadcasting Terminal Solution

Contents

- IP Video Broadcasting Terminal Comparison Table
- IP Video Phone Series
 - AP-VBT1000 : HD Terminal
 - AP-VBT1000A : HD Terminal, Secondary Audio Port
 - AP-VBT1000S : SD Terminal



HD IP Video Broadcasting Terminal Comparison Table

| | AP-VBT1000 | AP-VBT1000A | AP-VBT1000S |
|--|---|--|---|
| |  |  |  |
| Video Resolution | SD, HD, Full HD | SD, HD, Full HD | SD |
| Video Codec | H.264, MPEG4 | H.264, MPEG4 | H.264, MPEG4 |
| Audio Codec | MP3, AAC, G.711 | MP3, AAC, G.711 | MP3, AAC, G.711 |
| Transport Protocol | RTP/RSTP | RTP/RTSP | RTP/RTSP |
| Video Output Interface | RCA, S-Video, Component, DVI | RCA, S-Video, Component, DVI | RCA, S-Video, Component, |
| Audio Output Interface | Stereo Audio Output, S/PDIF Optical Interface | Stereo Audio Output, S/PDIF Optical Interface | Stereo Audio Output, S/PDIF Optical Interface |
| IR-Out Interface for External TV control | Support | Support | Support |
| LAN Port | 1 | 1 | 1 |
| Secondary Audio Port | N/A | Support | N/A |



AP-VBT1000

Video Broadcasting Terminal

IP based Video Broadcasting Terminal

AP-VBT1000 HD Video Broadcasting Terminal

Main Features

- High Quality Images up to 64kbps and 4Mbps (HD)
- High-performance Audio & Video Codec Support
 - H.264, MPEG-4 Video Codec
 - Line IN/OUT : G.726, G.711, MP3 Audio Codec
- Up to 30 frame/sec, SD, HD, Full HD Resolution
- RTP/RTSP based Real-Time HD Broadcasting Service
- HD Video Recording and Replay Service using Local HDD (Option)
- IP based Network Protocol Support
- Video Application
 - Audio & Video Broadcasting Solution
 - Video on Demand Service Solution
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection

IP based Video Broadcasting Terminal

AP-VBT1000 HD Video Broadcasting Terminal

Hardware Specification

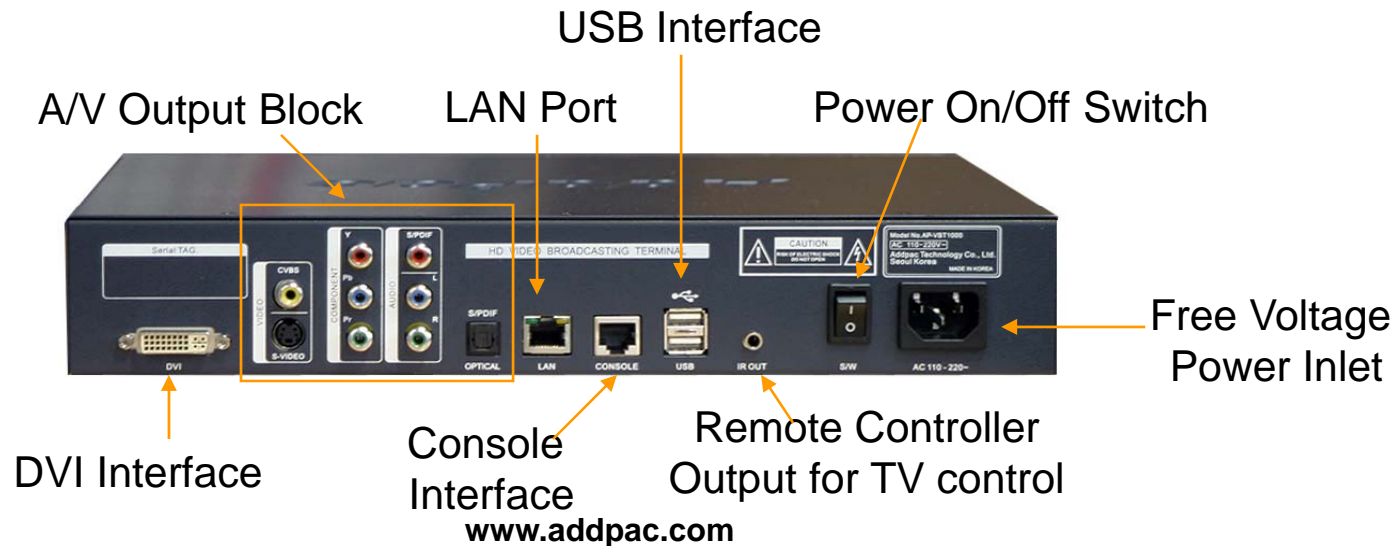
- High-End Audio/Video Processor
- Main Chassis
 - Power On/Off Switch (Front Panel)
 - Remote Controller Sensor (Front Panel)
 - On-AIR Indication LAMP (Front Panel)
 - Network Interface
 - Two(2) 10/100Mbps Fast Ethernet
 - Two(2) USB 2.0 Interface
 - One(1) RS-232C Console (RJ45)
 - IR-Out Interface for External TV Control
 - Powerful Video Interface
 - RCA, S-Video, Component Output, DVI Interface
 - High quality Audio and Voice Interface
 - Stereo Audio Output Connector
 - S/PDIF RCA Interface
 - S/PDIF Optical Interface

IP based Video Broadcasting Terminal

AP-VBT1000 HD Video Broadcasting Terminal

Hardware Specification

Power On/Off Switch (blue lamp)





AP-VBT1000A

Video Broadcasting Terminal

IP based Video Broadcasting Terminal

AP-VBT1000A HD Video Broadcasting Terminal

Main Features

- High Quality Images up to 64kbps and 4Mbps (HD)
- High-performance Audio & Video Codec Support
 - H.264, MPEG-4 Video Codec
 - Line IN/OUT : G.726, G.711, MP3 Audio Codec
- Up to 30 frame/sec, SD, HD, Full HD Resolution
- RTP/RTSP based Real-Time HD Broadcasting Service
- IP based Network Protocol Support
- Video Application
 - Audio & Video Broadcasting Solution
 - Video on Demand Service Solution
- Secondary Audio Port for Voice Broadcasting Service
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection

IP based Video Broadcasting Terminal

AP-VBT1000A HD Video Broadcasting Terminal

Hardware Specification

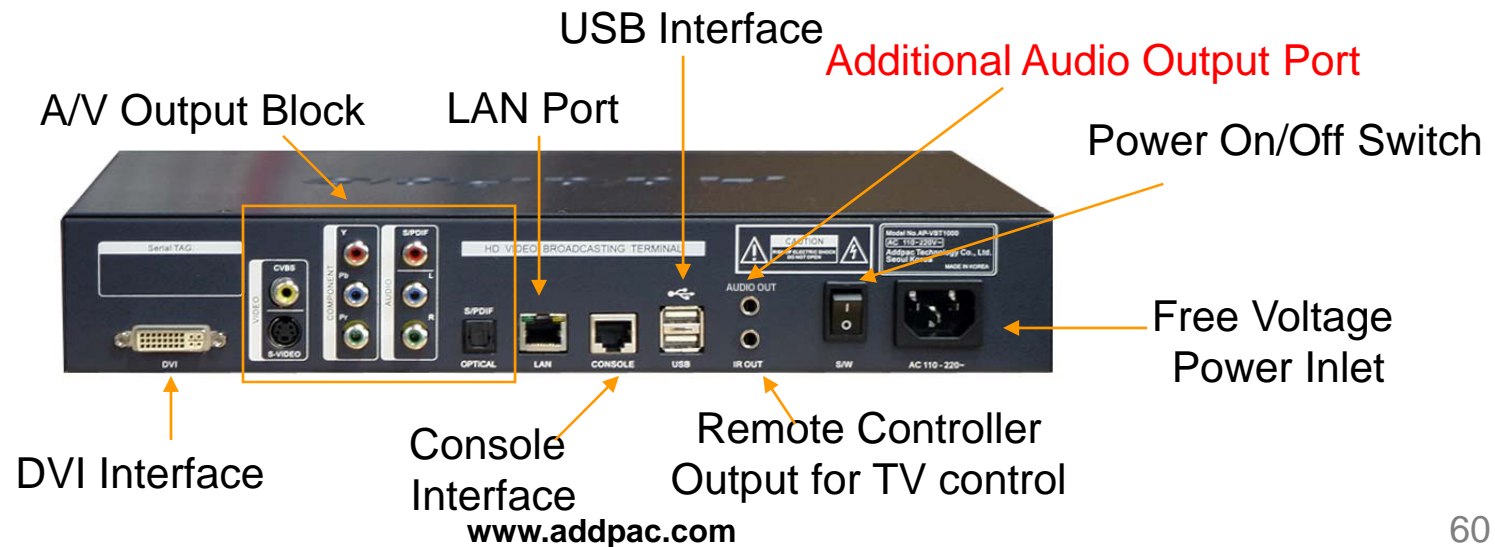
- High-End Audio/Video Processor
- Main Chassis
 - Power On/Off Switch (Front Panel)
 - Remote Controller Sensor (Front Panel)
 - On-AIR Indication LAMP (Front Panel)
 - Network Interface
 - Two(2) 10/100Mbps Fast Ethernet
 - Two(2) USB 2.0 Interface
 - One(1) RS-232C Console (RJ45)
 - IR-Out Interface for External TV Control
 - Powerful Video Interface
 - RCA, S-Video, Component Output, DVI Interface
 - High quality Audio and Voice Interface
 - Stereo Audio Output Connector
 - S/PDIF RCA Interface
 - S/PDIF Optical Interface
 - Secondary Audio and Voice Interface
 - Stereo Audio Output Connector

IP based Video Broadcasting Terminal

AP-VBT1000A HD Video Broadcasting Terminal

Hardware Specification

Power On/Off Switch (blue lamp)





AP-VBT1000S

Video Broadcasting Terminal

IP based Video Broadcasting Terminal

AP-VBT1000S SD Video Broadcasting Terminal

Main Features

- High Quality Images up to 64kbps and 2Mbps (D1)
- High-performance Audio & Video Codec Support
 - H.264, MPEG-4 Video Codec
 - Line IN/OUT : G.726, G.711, MP3 Audio Codec
- Up to 30 frame/sec, SD Resolution
- RTP/RTSP based Real-Time SD Broadcasting Service
- IP based Network Protocol Support
- Video Application
 - Audio & Video Broadcasting Solution
 - Video on Demand Service Solution
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection

IP based Video Broadcasting Terminal

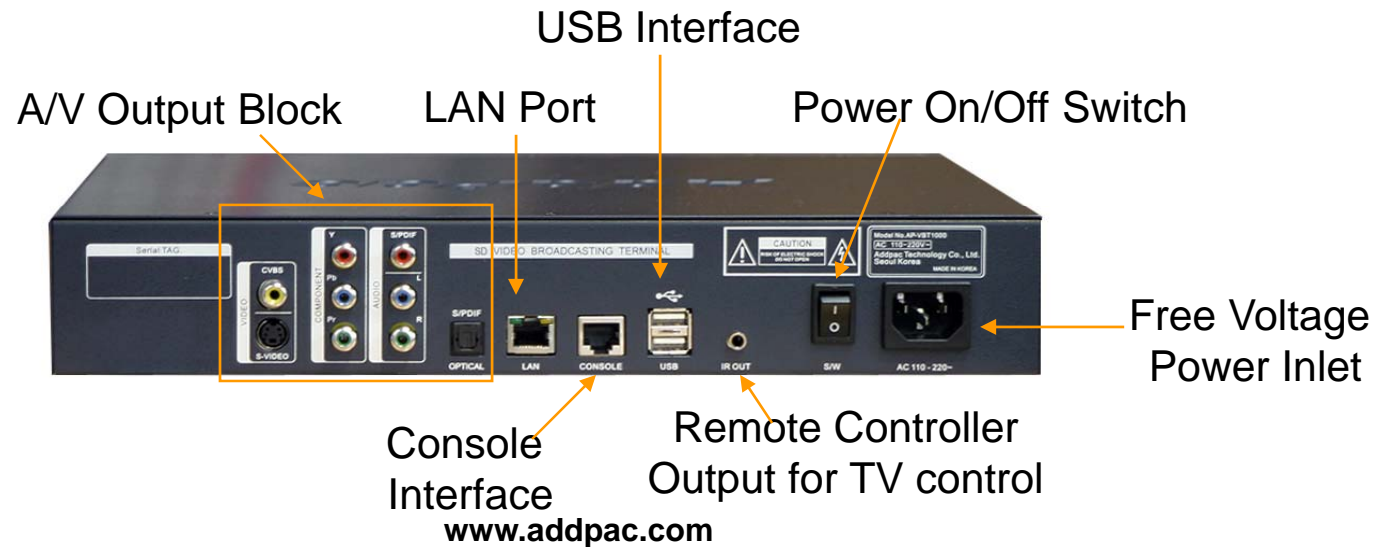
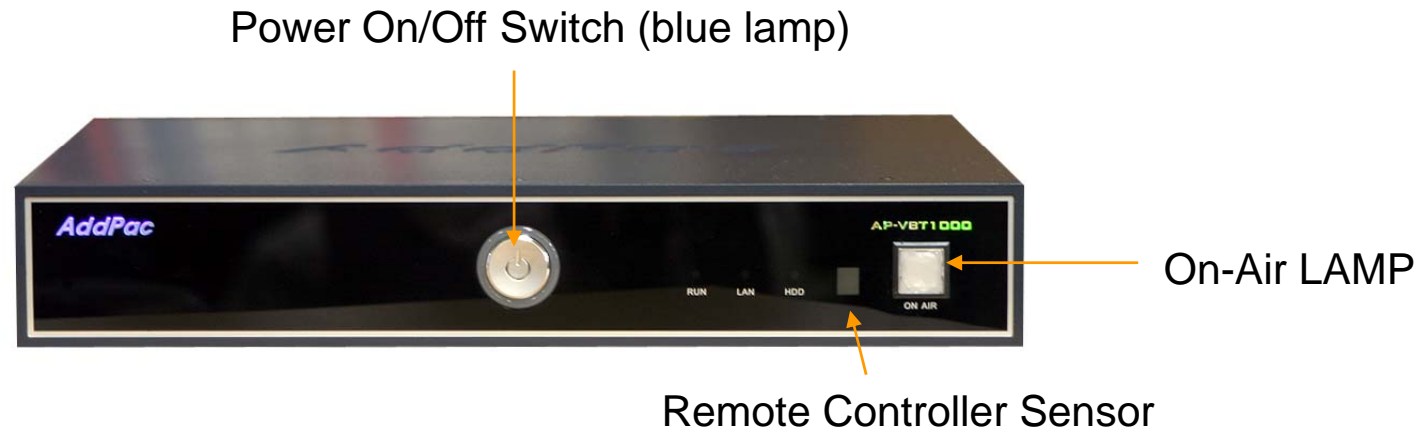
AP-VBT1000S SD Video Broadcasting Terminal

Hardware Specification

- High-End Audio/Video Processor
- Main Chassis
 - Power On/Off Switch (Front Panel)
 - Remote Controller Sensor (Front Panel)
 - On-AIR Indication LAMP (Front Panel)
 - Network Interface
 - Two(2) 10/100Mbps Fast Ethernet
 - Two(2) USB 2.0 Interface
 - One(1) RS-232C Console (RJ45)
 - IR-Out Interface for External TV Control
 - Powerful Video Interface
 - RCA, S-Video, Component Output Interface
 - High quality Audio and Voice Interface
 - Stereo Audio Output Connector
 - S/PDIF RCA Interface
 - S/PDIF Optical Interface

IP based Video Broadcasting Terminal

AP-VBT1000S SD Video Broadcasting Terminal





AP-VBS2 HD Video Selector

HD Video Selector

AP-VSB2 Video Selector Box

Main Features

- High Performance 2:1 Video Selector Solution
- Two(2)-Channel Video Input/One(1)-Channel Video Output
- RS232C based Video Source Selector
- Manual Video Source Control Support
- Various Audio/Video Port Support
 - Analog CVBS Composite Interface
 - Component Interface (Y, Cr, Cb)
 - HDMI Interface (DVI via Converter Cable)
 - Stereo Audio Interface (RCA Connector)
- Built-in Internal Power Supply
- “19inch Rack Mountable

HD Video Selector

AP-VSB2 Video Selector Box

Hardware Specification

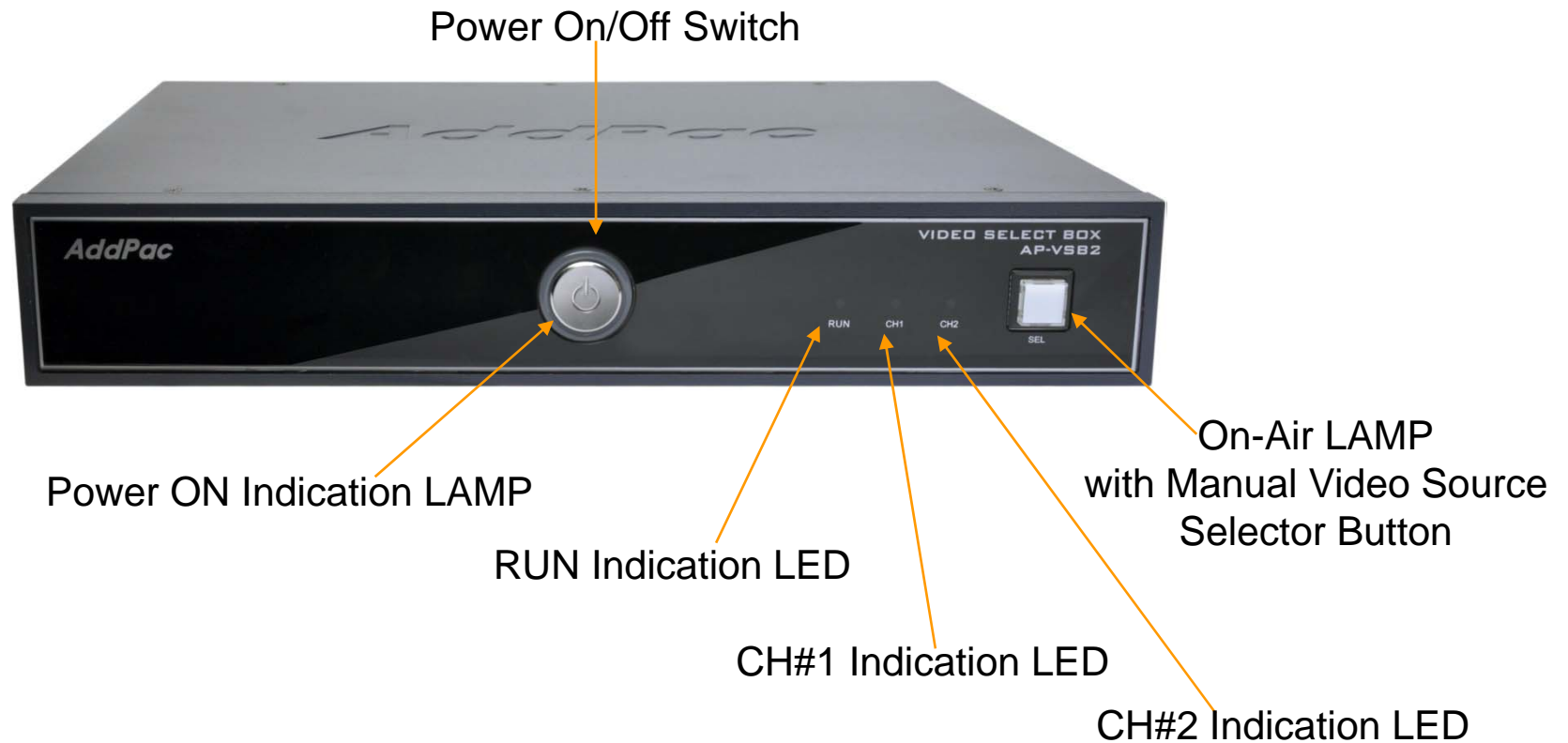
- Power On/Off Switch (Front Panel) with Power On LAMP
- Manual Video Source Selector Button with On-AIR Indication LAMP(Front Panel)
- Control Interface
 - One(1) RS-232C Console (RJ45)
- Powerful Video Interface
 - CVBS
 - Component(Y, Cr, Cb)
 - HDMI(DVI) Interface
- Audio Interface
 - Stereo Audio Interface (Left, Right)
- SMPS Internal Power Supply

HD Video Selector

AP-VSB2 Video Selector Box

Hardware Specification

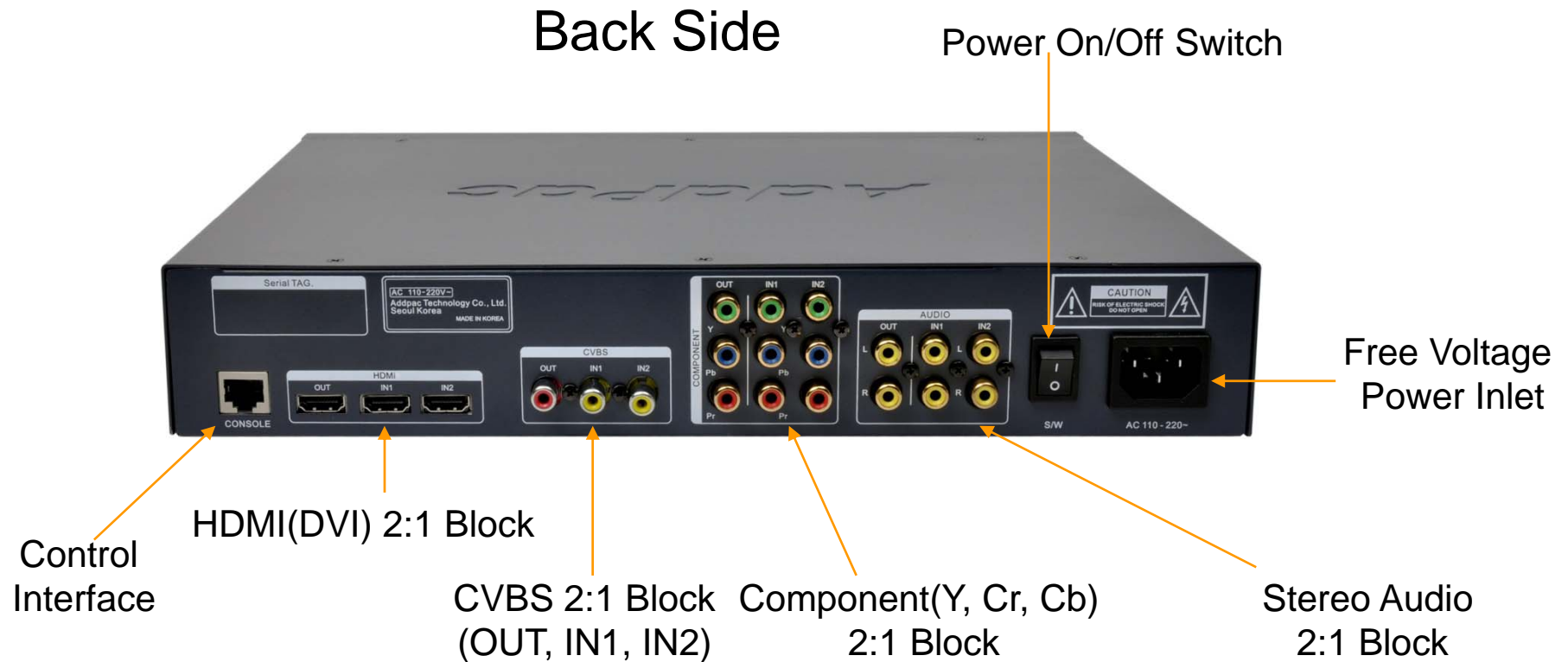
Front Side



HD Video Selector

AP-VSB2 Video Selector Box

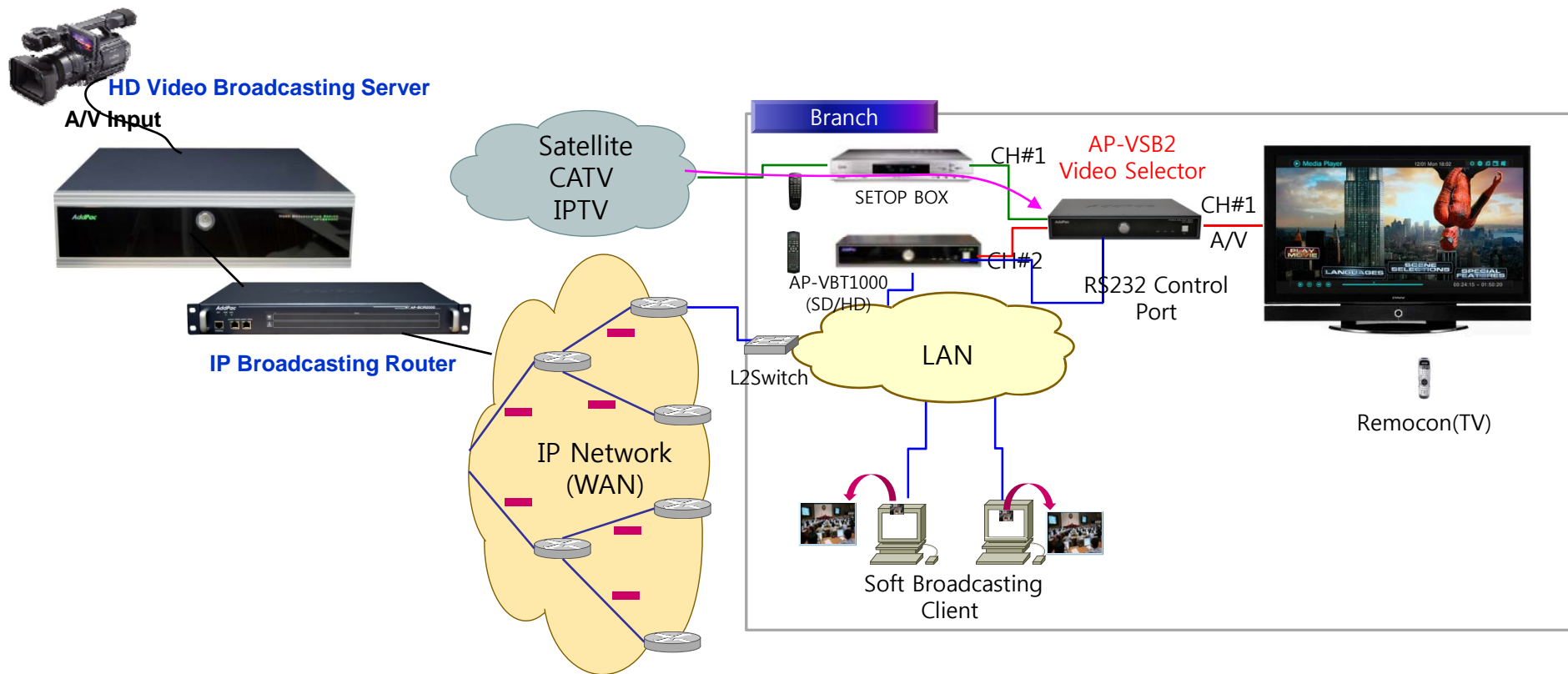
Hardware Specification



HD Video Selector

AP-VSB2 Video Selector Box

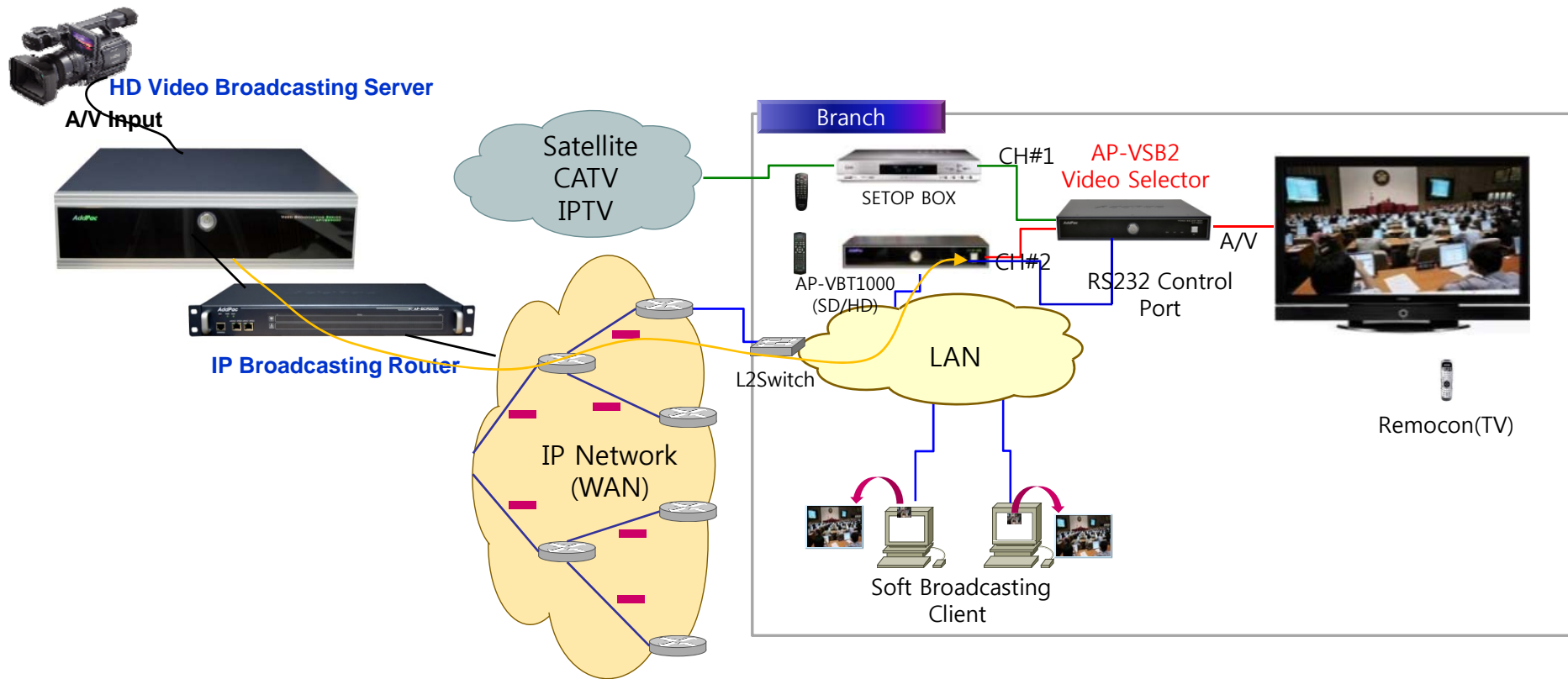
Channel #1 Service Mode



HD Video Selector

AP-VSB2 Video Selector Box

Channel #2 Service Mode





AP-MBMS HD IP Broadcasting Management System

HD Broadcasting Management System

AP-MBMS Multimedia Broadcasting Management System

Main Features

- User Register and Access Restriction Management
- Broadcasting Device Management
- Broadcasting Source, Group, Favorite List Management
- Reserved Broadcasting and Time Signal Broadcasting
- Fire Reception Department Setup (AP3150)
- Emergency Broadcasting Setup and Broadcasting
- Fire Emergency Broadcasting Setup and Broadcasting
- TTS Broadcasting
- Remote Broadcasting Management (AP-VP300 Remote Broadcasting)
- Broadcasting Device Inspection
- Search Event Log

HD Broadcasting Management System

AP-MBMS Multimedia Broadcasting Management System

Hardware Requirement

1. e-MBMS Server H/W Requirement

- CPU: Intel Pentium4 1GHz (minimum)
- MEMORY: 512Mbyte (minimum)
- HDD: 40GB
- OS: Windows XP, Windows 2000, Windows 7..

2. e-MBMS Client H/W Requirement

- CPU: Intel Pentium Series
- MEMORY: 256Mbyte (minimum)
- OS: Windows XP, Windows 2000, Windows 7..

HD Broadcasting Management System

AP-MBMS Multimedia Broadcasting Management System

Software Requirement

1. Database : MySQL Server 5.0

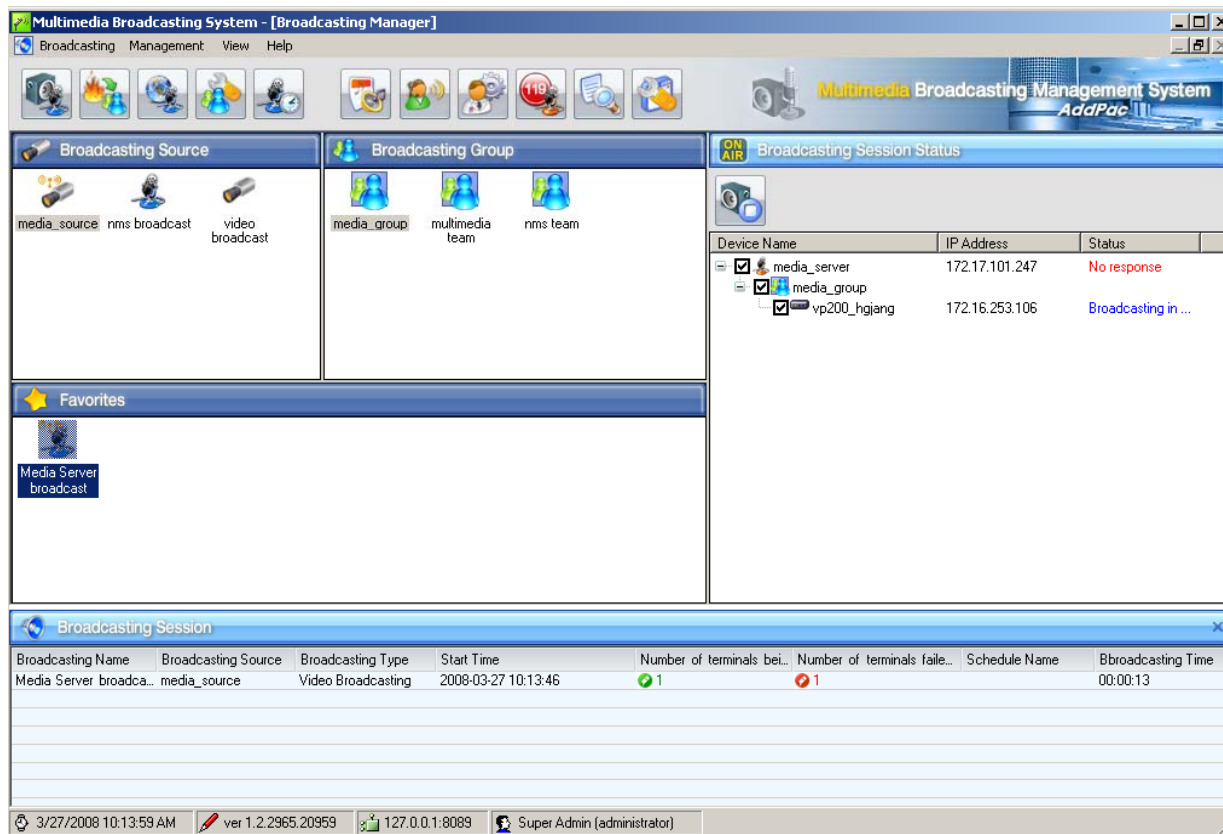
2. e-MBMS Server
 - Java JRE 1.5
 - e-MBMS Server

3. e-MBMS Client
 - e-MBMS Client

HD Broadcasting Management System

AP-MBMS Multimedia Broadcasting Management System

MBMS GUI Initial Screen



Broadcasting Source

media_source nms broadcast video broadcast

Broadcasting Group

media_group multimedia team nms team

Broadcasting Session Status

| Device Name | IP Address | Status |
|--------------|----------------|---------------------|
| media_server | 172.17.101.247 | No response |
| media_group | | |
| vp200_hgjang | 172.16.253.106 | Broadcasting in ... |

Favorites

Media Server broadcast

Broadcasting Session

| Broadcasting Name | Broadcasting Source | Broadcasting Type | Start Time | Number of terminals bei... | Number of terminals faile... | Schedule Name | Bbroadcasting Time |
|-------------------------|---------------------|--------------------|---------------------|----------------------------|------------------------------|---------------|--------------------|
| Media Server broadca... | media_source | Video Broadcasting | 2008-03-27 10:13:46 | 1 | 1 | | 00:00:13 |

3/27/2008 10:13:59 AM ver 1.2.2965.20959 127.0.0.1:8089 Super Admin (administrator)



Thank you!

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