

SD IP Video Codec Solution (Built-in Camera)



Preliminary Product Overview

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

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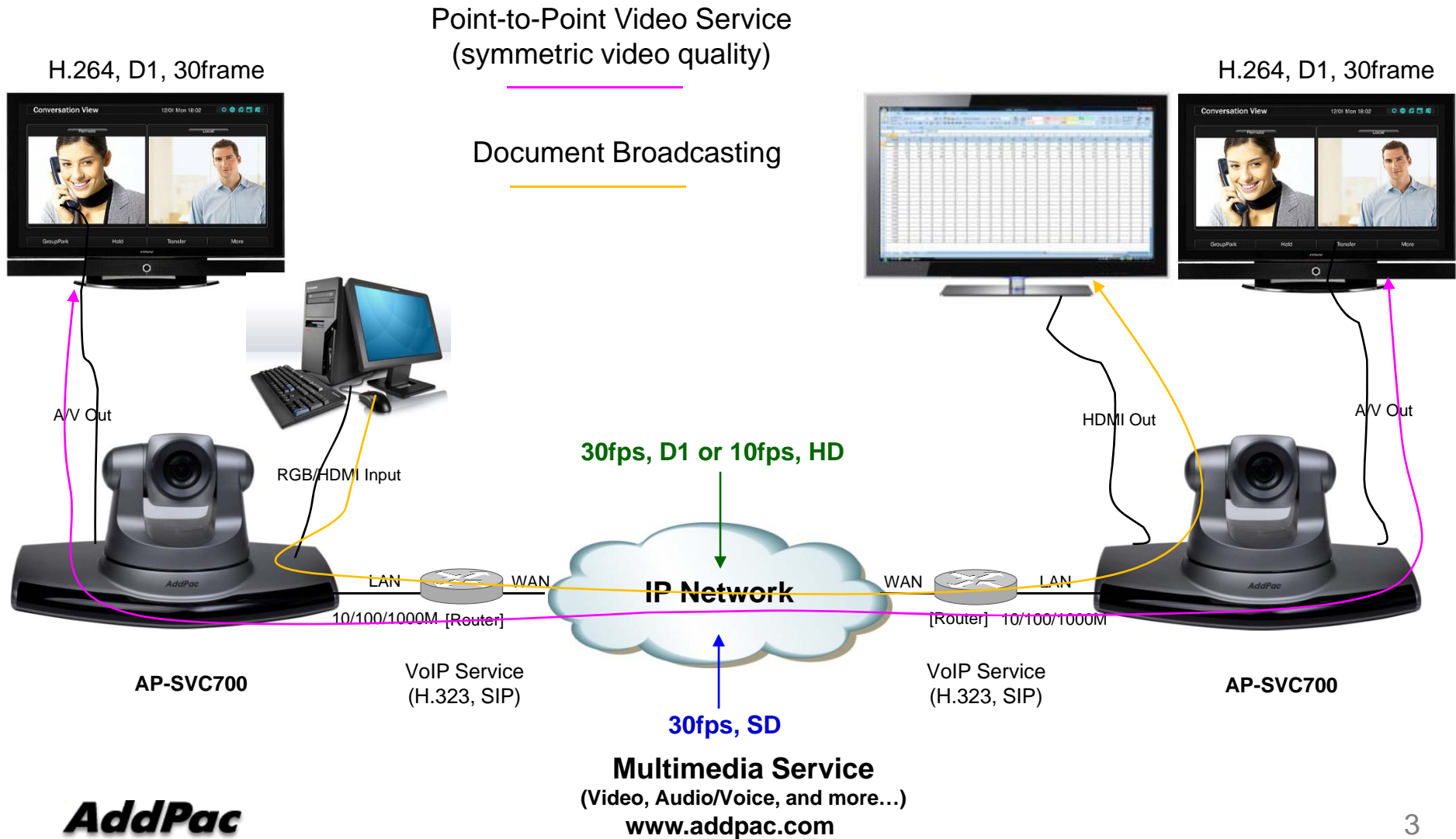
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SD Video Conference Service Diagram



SD Video Codecs (Built-in Camera)

Product		AP-SVC700	AP-SVC500	AP-SVC200
				
Camera Sensor		CCD	CCD	CCD
Optical Zoom		x27	x27	x27
Codec Video Resolution		SD (D1, VGA)	SD(D1, VGA)	SD(D1, VGA)
Display Video Resolution		HD	HD	HD
Channel One(1)	Video Input	Built-in SD Camera	Built-In SD Camera or Composite	Built-In SD Camera
	Video Output	Composite, Component, HDMI	Composite, Component, HDMI	Composite, Component, HDMI
	Audio Input	Stereo RCA Type	Stereo RCA Type	Stereo RCA Type
	Audio Output	RCA Type Audio (L,R)	RCA Type Audio (L,R)	RCA Type Audio (L,R)
	External PTZ Control	N/A	Support	N/A
Channel Two(2)	Video Input	Composite RCA, RGB, HDMI	N/A	N/A
	Video Output	Composite, Component, HDMI		
	Audio Input	Stereo RCA Type		
	Audio Output	RCA Type Audio (L,R)		
	External PTZ Control	Support		
LAN		One(1) 10/100M Ethernet	One(1) 10/100M Ethernet	One(1) 10/100M Ethernet
Power		External Power Adaptor	External Power Adaptor	External Power Adaptor



AP-SVC700

Two(2) Channel SD Video Codec

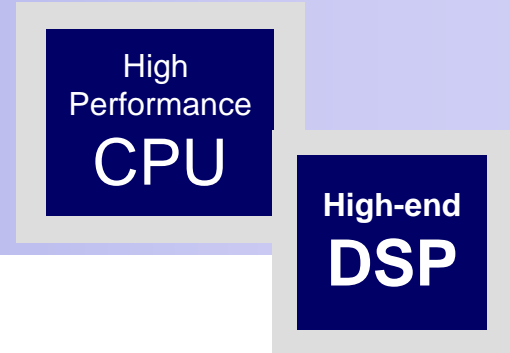
Main Features

AP-SVC1000 Two(2) Channel SD Video Codec

- IP based Video Conference Solution
- Built-In High-End SD Video Camera Features
- CCD Camera Sensor
- PAN/TILT/Zoom Housing Features
- Optical 37 x Zoom Support
- Two(2) Channel Video Interface
- H.264, MPEG4, H.263 Video Codec Support
- H.323, SIP VoIP Signaling Support
- Second Video Interface for Document Sharing, Camera, etc
- High-performance Video, Audio, and Voice Service
- Flexible Videoconferencing Deployment
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection

Hardware Specification

AP-SVC700 Two(2)-Channel SD Video Codec



- High Performance RISC Computing Power
- High-end Programmable DSP Hardware Architecture
- CH#1 I/O Interface

Video Input	Built-in SD Camera
Video Output	Composite RCA, Component , HDMI
Audio Input	Stereo RCA Type Audio Input
Audio Output	RCA Type Audio Output (Left, Right)

- CH#2 I/O Interface

Video Input	Composite RCA, RGB, HDMI
Video Output	Composite RCA, Component , HDMI
Audio Input	Stereo RCA Type Audio Input
Audio Output	RCA Type Audio Output (Left, Right)
PTZ Control	RS-232C Pan/Tilt/Zoom Control Interface

Hardware Specification

AP-SVC700 Two(2)-Channel SD Video Codec

High
Performance

CPU

High-end

DSP

- Camera Specification
 - ¼ Inch, Super HAD Color CCD
 - NTSC : 768(H) x 494(V), PAL : 752(H) x 583 (V)
 - Auto Focus 27 x Optical Zoom
 - PELCO-D Control Protocol
 - Preset
- Network Interface
 - One(1) 10/100Mbps Fast Ethernet(RJ45)
 - One(1) RS-232C Interface (RJ45) for Console
- USB Interface
 - USB 2.0 Interface for Mouse, etc
- Voice Interface
 - FXS Interface for Analog Phone, Analog Conference Phone, etc
- External Power Input Connector
- Power On/Off Switch

Hardware Specification

AP-SVC700 Two(2)-Channel SD Video Codec

High
Performance
CPU

High-end
DSP



SD Camera

IR Sensor & Status Indication Area

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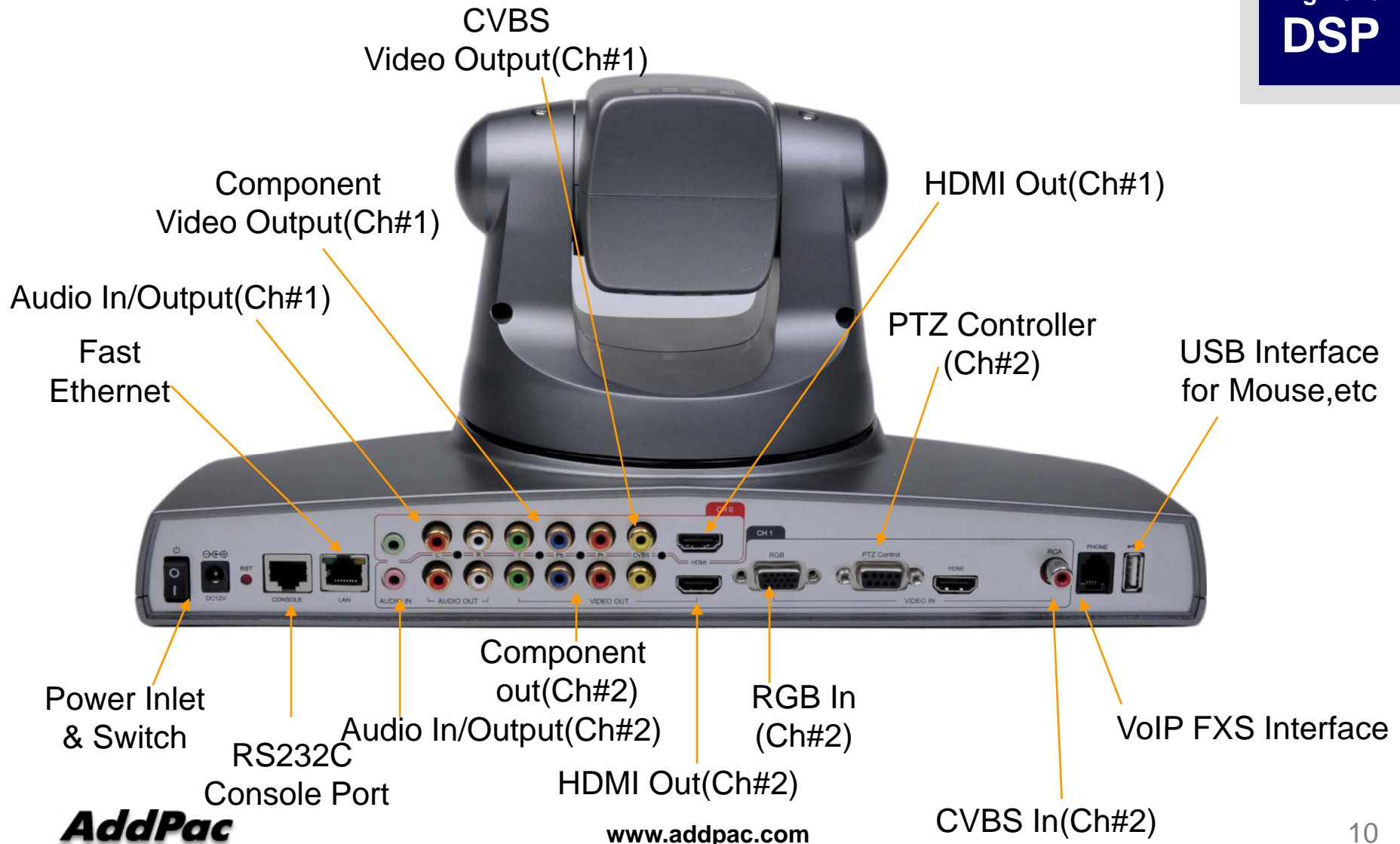
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Hardware Specification

AP-SVC700 Two(2)-Channel SD Video Conference Equipment

High Performance
CPU

High-end
DSP



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AP-SVC500

One(1) Channel SD Video Codec

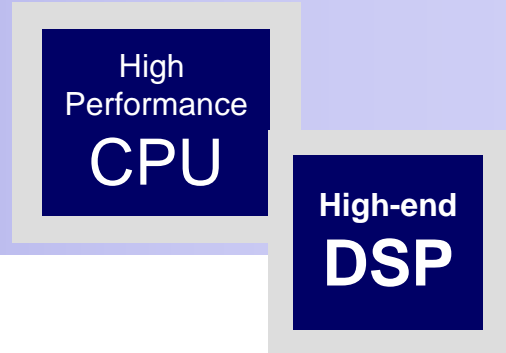
Main Features

AP-SVC500 One(1) Channel SD Video Codec

- IP based Video Conference Solution
- Built-in High-End SD Video Camera Features
- CCD Camera Sensor
- PAN/TILT/Zoom Housing Features
- Optical 37 x Zoom Support
- H.264, MPEG4, H.263 Video Codec Support
- H.323, SIP VoIP Signaling Support
- High-performance Video, Audio, and Voice Service
- Flexible Videoconferencing Deployment
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection

Hardware Specification

AP-HVC500 One(1) Channel HD Video Codec



- High Performance RISC Computing Power
- High-end Programmable DSP Hardware Architecture
- Video I/O Interface

Video Input	Built-In SD Video Camera or Composite RCA
Video Output	Composite RCA, Component , HDMI
Audio Input	Stereo RCA Type Audio Input
Audio Output	RCA Type Audio Output (Left, Right)
PTZ Control	RS-232C Pan/Tilt/Zoom Control Interface

Hardware Specification

AP-SVC500 One(1) Channel SD Video Codec

High
Performance

CPU

High-end

DSP

- Camera Specification
 - ¼ Inch, Super HAD Color CCD
 - NTSC : 768(H) x 494(V), PAL : 752(H) x 583 (V)
 - Auto Focus 27 x Optical Zoom
 - PELCO-D Control Protocol
 - Preset
- Network Interface
 - One(1) 10/100Mbps Fast Ethernet(RJ45)
 - One(1) RS-232C Interface (RJ45) for Console
- USB Interface
 - USB 2.0 Interface for Mouse, etc
- Voice Interface
 - FXS Interface for Analog Phone, Analog Conference Phone, etc
- External Power Input Connector
- Power On/Off Switch

Hardware Specification

AP-SVC500 One(1) Channel SD Video Codec

High
Performance
CPU

High-end
DSP



SD Camera

IR Sensor & Status Indication Area

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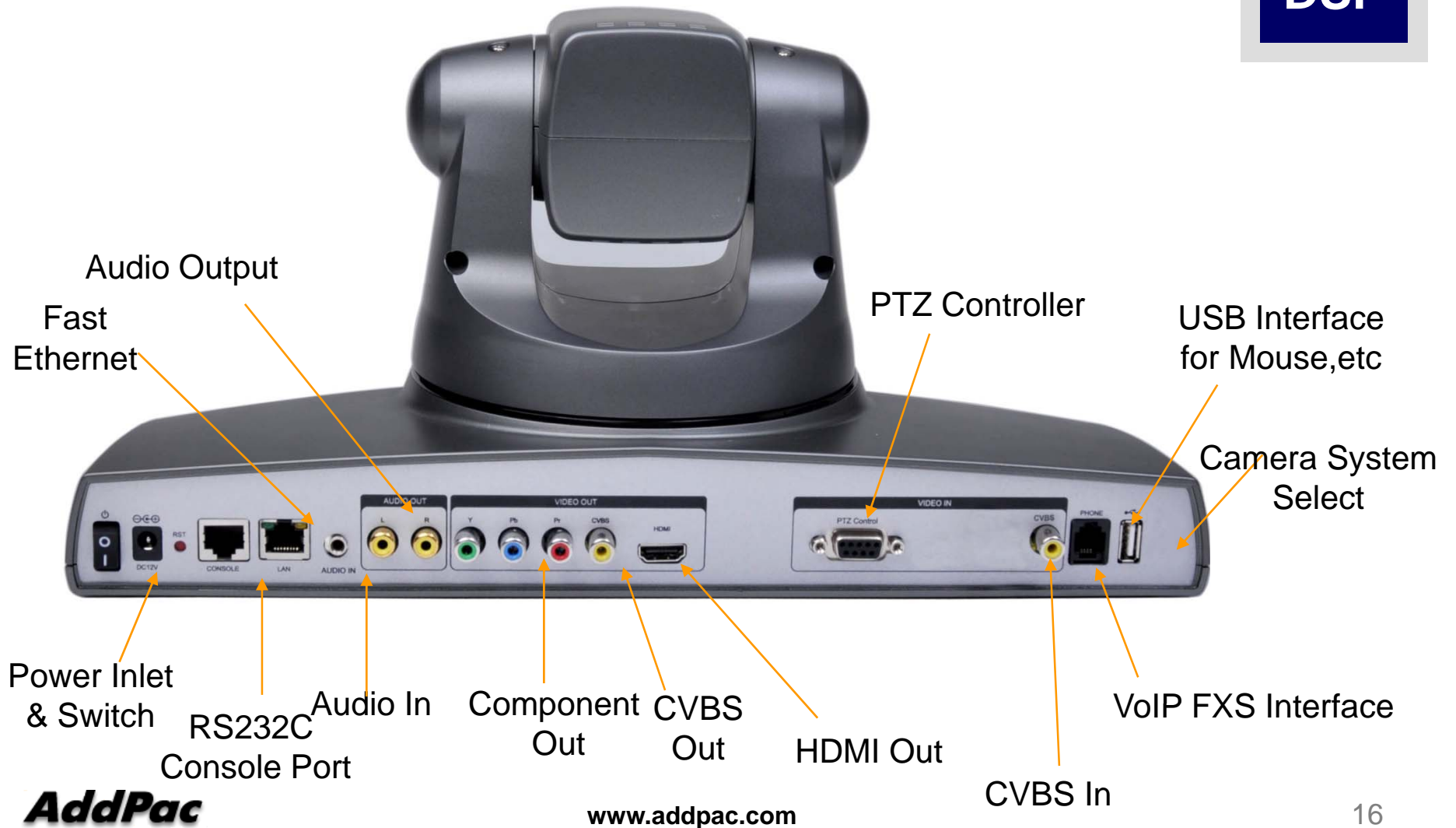
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Hardware Specification

AP-SVC500 One(1) Channel SD Video Codec

High Performance
CPU

High-end
DSP





AP-SVC200

One(1) Channel SD Video Codec

Main Features

AP-SVC200 One(1) Channel SD Video Codec

- IP based Video Conference Solution
- Built-In SD Camera Support
- CCD Camera Sensor
- Various Video Format Support
- PAN/TILT/Zoom Housing Features
- Optical 37 x Zoom Camera
- H.263, MPEG4, H.264 Video Codec Support
- H.323, SIP VoIP Signaling Support
- High-performance Video, Audio, and Voice Service
- Flexible Videoconferencing Deployment
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection

Hardware Specification

AP-SVC200 One(1) Channel SD Video Codec

High
Performance
CPU

High-end
DSP

- High-end Programmable DSP Hardware Architecture
- Video Output Interface
 - Composite RCA Out, Component Out, HDMI Out
- Audio Interface
 - Stereo RCA Type Audio Output Connector (Left, Right)
 - Stereo Audio Input(3.5mm) for External MIC input
- Network Interface
 - One(1) 10/100Mbps Fast Ethernet(RJ45)
 - One(1) RS-232C Interface (RJ45) for Console
- USB Interface
 - USB 2.0 Interface for Mouse, etc
- Voice Interface
 - FXS Interface for Analog Phone, Analog Conference Phone, etc

Hardware Specification

AP-SVC200 One(1) Channel SD Video Codec

High
Performance
CPU

High-end
DSP

- Camera Specification
 - ¼ Inch, Super HAD Color CCD
 - NTSC : 768(H) x 494(V), PAL : 752(H) x 583 (V)
 - Auto Focus 27 x Optical Zoom
 - PELCO-D Control Protocol
 - Preset
- IR Interface for Remote Control (Remocon)
- Power ON/OFF Switch

Hardware Specification

AP-SVC200 One(1) Channel SD Video Codec

High
Performance
CPU

High-end
DSP



Hardware Specification

AP-SVC200 One(1) Channel SD Video Codec

High Performance
CPU

High-end
DSP

Hardware Specification





Thank you!

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