

AP-AVC1004

HD-SDI Video Selector for HD Video Conference



AddPac

AddPac Technology

Sales and Marketing

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Contents

- Product Overview
- Hardware Specification
- HD Video Conference Cameras
- HD Video Conference Codec (H/W spec.)
- Multi-Microphone and Multi Camera Interface Diagram
- Message Signal Flow

Product Overview

AP-AVC1004 HD-SDI Video Selector

- HD-SDI Four(4)-Channel Video Selector
- MIC Controllable HD-SDI Video Selector
- HD Video Conference Camera Preset
- Two(2) Module Slots for Video Input Interface
 - Four(4) Channel HD-SDI Video Selector
 - Two(2) RS232/RS485 Interface, Relay In/Out Port
- Two(2) LAN Interface and One(1) Console Port
- External HD Video Conference Camera (ex: AP-HDC100)
- External HD Video Conference Codec Interworking (ex; AP-HCC2000)
- High-performance Video, Audio, and Voice Service
- Flexible Videoconferencing Deployment
- Firmware Upgradeable Architecture
- AddPac HD Video Conference Codec Interworking
- Smart Web Manager Support



Hardware Specification

(AP-AVC1004 HD-SDI Video Selector)

Hardware Specification

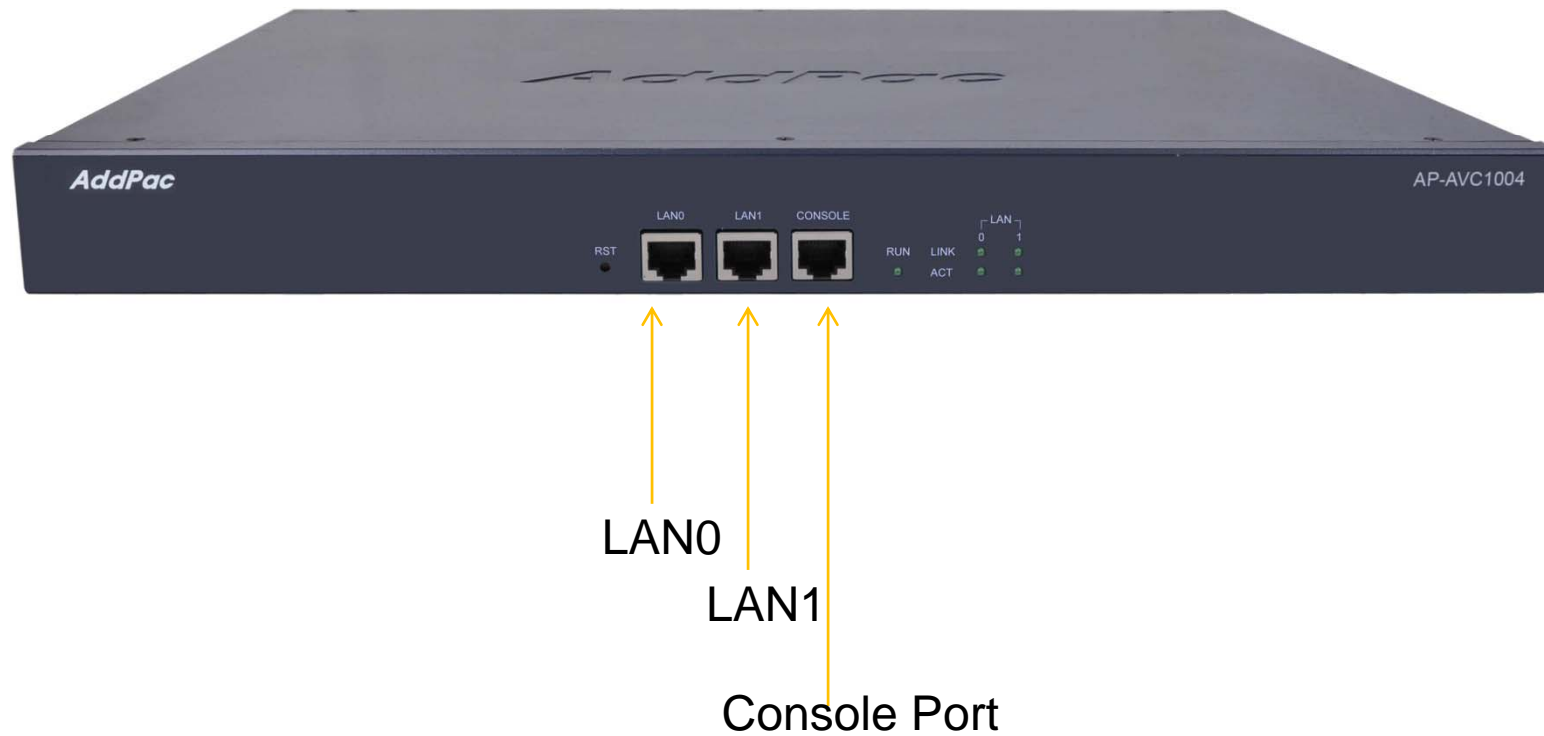
AP-AVC1004 HD-SDI Video Selector

- Network Interface
 - One(1) 10/100/1000Mbps Gigabit Ethernet(RJ45)
 - One(1) RS-232C Interface (RJ45) for Console
- Two(2) Module Slots
 - Four(4) Channel HD-SDI Video Selector
 - Two(2) RS232/RS485 Interface, Relay In/Out Port
- Power On/Off Switch

Hardware Specification

AP-AVC1004 HD-SDI Video Selector

Front Side



Hardware Specification

AP-AVC1004 HD-SDI Video Selector

Back Side



Video
Selector
Button
& LAMP

HD-SDI
Input
(0~3 Port)

HD-SDI
output

RS232/
RS485
Interface
(0~1Port)

Relay
In/Out
Port

Power Power
Input Switch



HD Video Conference Camera





HD Video Conference Camera

AP-HCC2000 Two(2)-Channel Full HD Video Conference Codec

- Full HD Camera Specification
 - High-end CMOS Camera Sensor
 - 2Mega Pixel
 - HD : 1080i/59.94, 1080i/50, 720p/59.94, 720p/50, etc
 - Auto Focus 10 x Optical Zoom, 12 x Digital Zoom
 - Wide Angle Lens for Video Conference Application
 - PELCO-D Control Protocol
 - Position Preset

HD Video Conference Camera

AP-HCC2000 Two(2)-Channel Full HD Video Conference Codec

Product	AP-HDC50	AP-HDC100	AP-HDC200	AP-HDC300	AP-HDC350
					
Sensor	CCD	CMOS	CCD	CMOS	CMOS
Optical Zoom	x18	x10	x18	x10	x20
Video Resolution	HD 720P(1280x720)	Full HD 720P, 1080i	HD 720P(1280x720)	Full HD 720P, 1080i	Full HD 720P, 1080i, 1080p
Video Output	HDMI, HD-SDI, Component, RCA	HDMI, HD-SDI, Component, RCA	HDMI, HD-SDI, Component, RCA	HDMI, HD-SDI, Component, RCA	HDMI, HD-SDI, Component, RCA
PTZ Control	Support	Support	Support	Support	Support
PTZ Control Interface	RS232/RS485	RS232/RS485	RS232/RS485	RS232/RS485	RS232/RS485
Power	External Power Adaptor	External Power Adaptor	External Power Adaptor	External Power Adaptor	External Power Adaptor



Hardware Specification

(AP-HCC2000 Full HD Video Conference Codec)

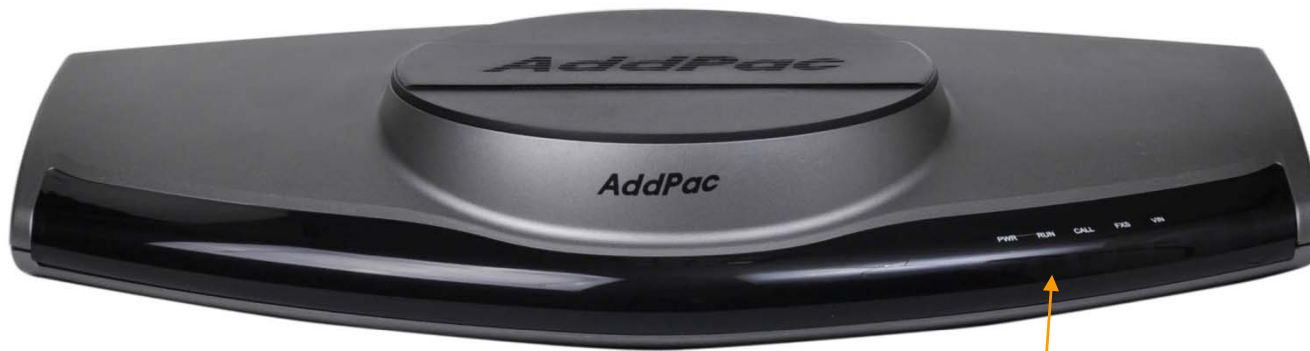
Hardware Specification

AP-HCC2000 Two(2)-Channel Full HD Video Conference Codec

High
Performance
CPU

High-end
DSP

Front Side



IR Sensor & Status Indication Area

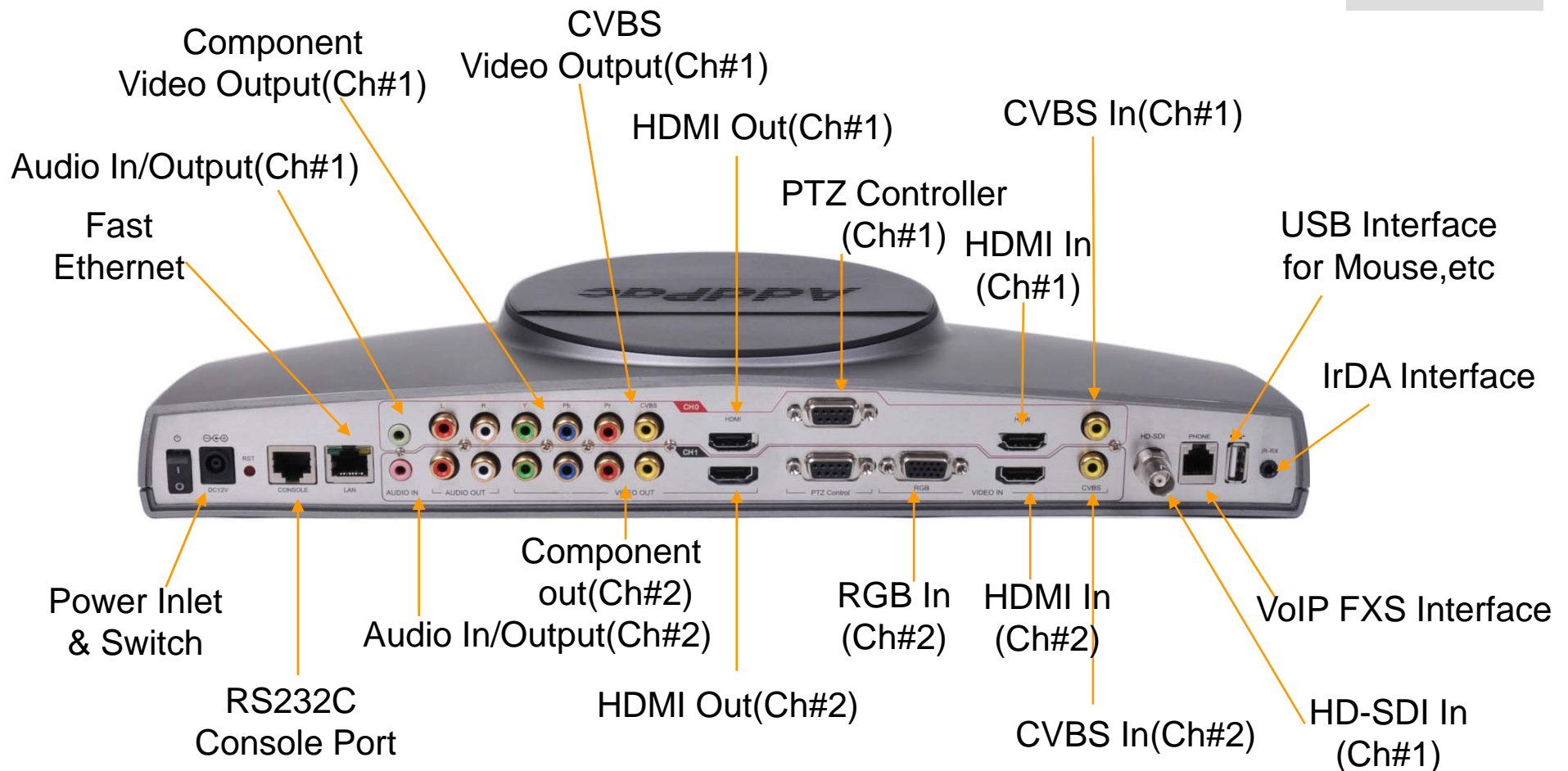
Hardware Specification

AP-HCC2000 Two(2)-Channel Full HD Video Conference Codec

High Performance
CPU

High-end
DSP

Back Side



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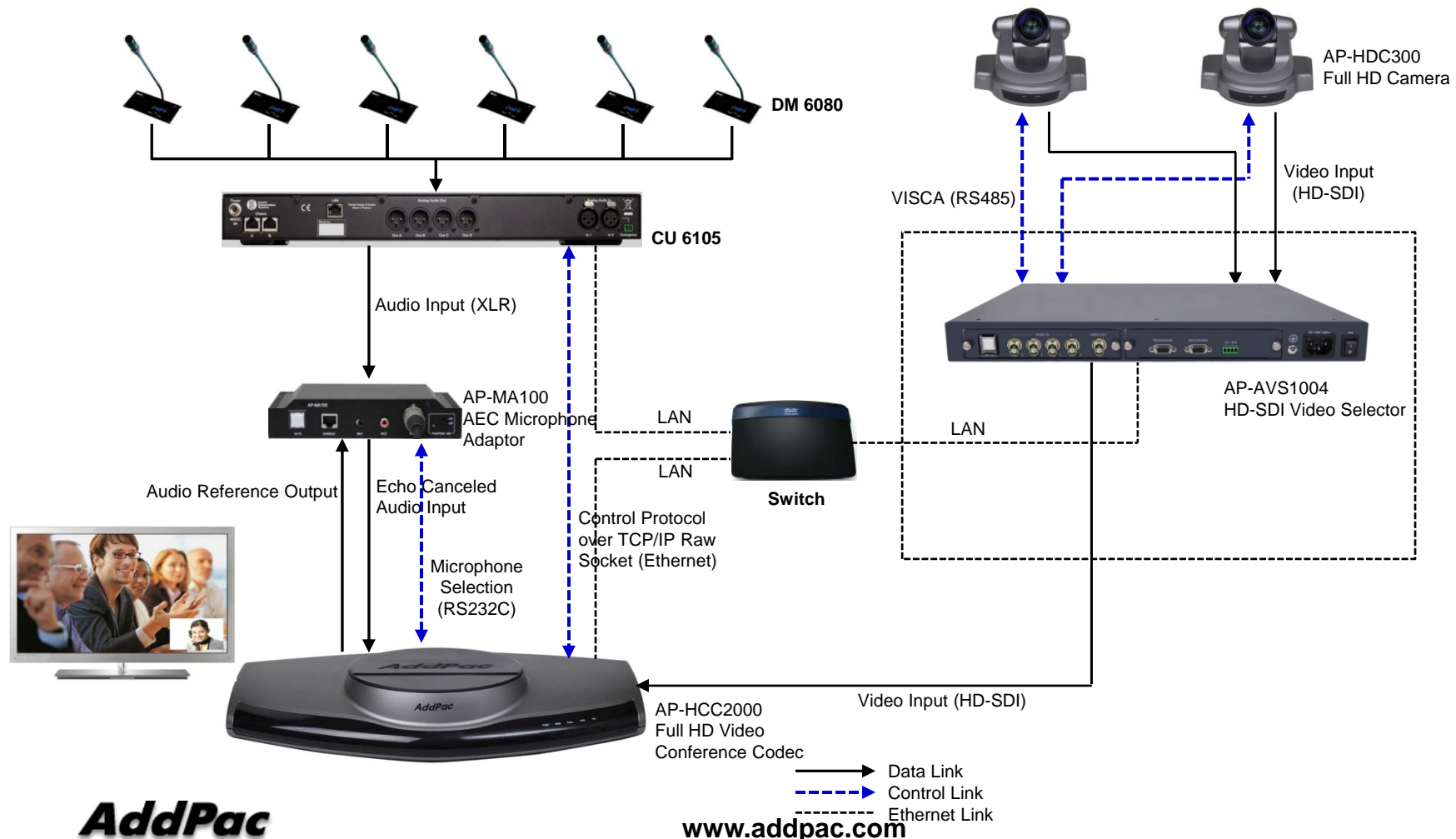
Multi-Microphone and Camera Interface

Application Note

- MIC & Camera Interface Diagram
- Message Signal Flow
- Device Description

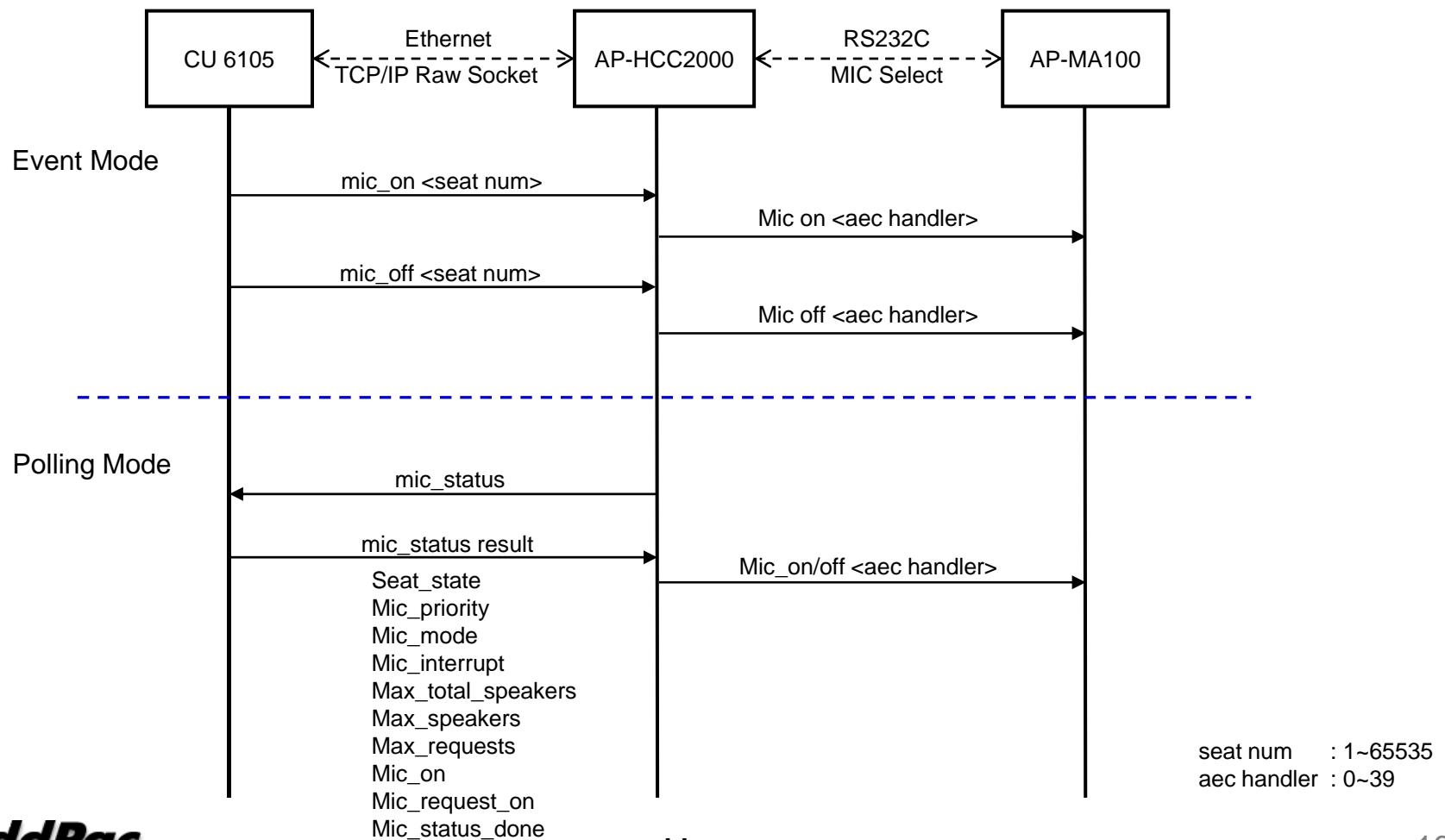
Multi Microphone And Camera Control

- MIC and Camera Interface Diagram



Multi Microphone And Camera Control

- Message Signal Flow



Control Function Description

- AP-HCC2000 Full HD Video Conference Codec
 - Multi Microphone Control Protocol for CU6105
 - Multi Microphone AEC Control Protocol for AP-MA100
- AP-MA100 AEC Microphone Adaptor
 - Multi Microphone AEC Control Support
- AP-HDC300 Full HD Video Conference Camera
 - Support RS232C/RS422/RS485
 - Support PelcoD & VISCA Protocol
- AP-AVS1004 HD-SDI Video Selector
 - Camera Control
 - Video Switcher Control



Thank you!

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