

# IP Video Phone Solution for Door Phone Attendant

IP Video Phone Solution for Door Phone Attendant

- AP-VP700 HD IP Video Phone
- AP-VAC70 HD IP Video Door Phone
- AP-VP280 IP Video Phone
- AP-VP120 IP Video Phone
- AP-VAC50 IP Video Door Phone
- AP-ACS1000 Door Access Control System

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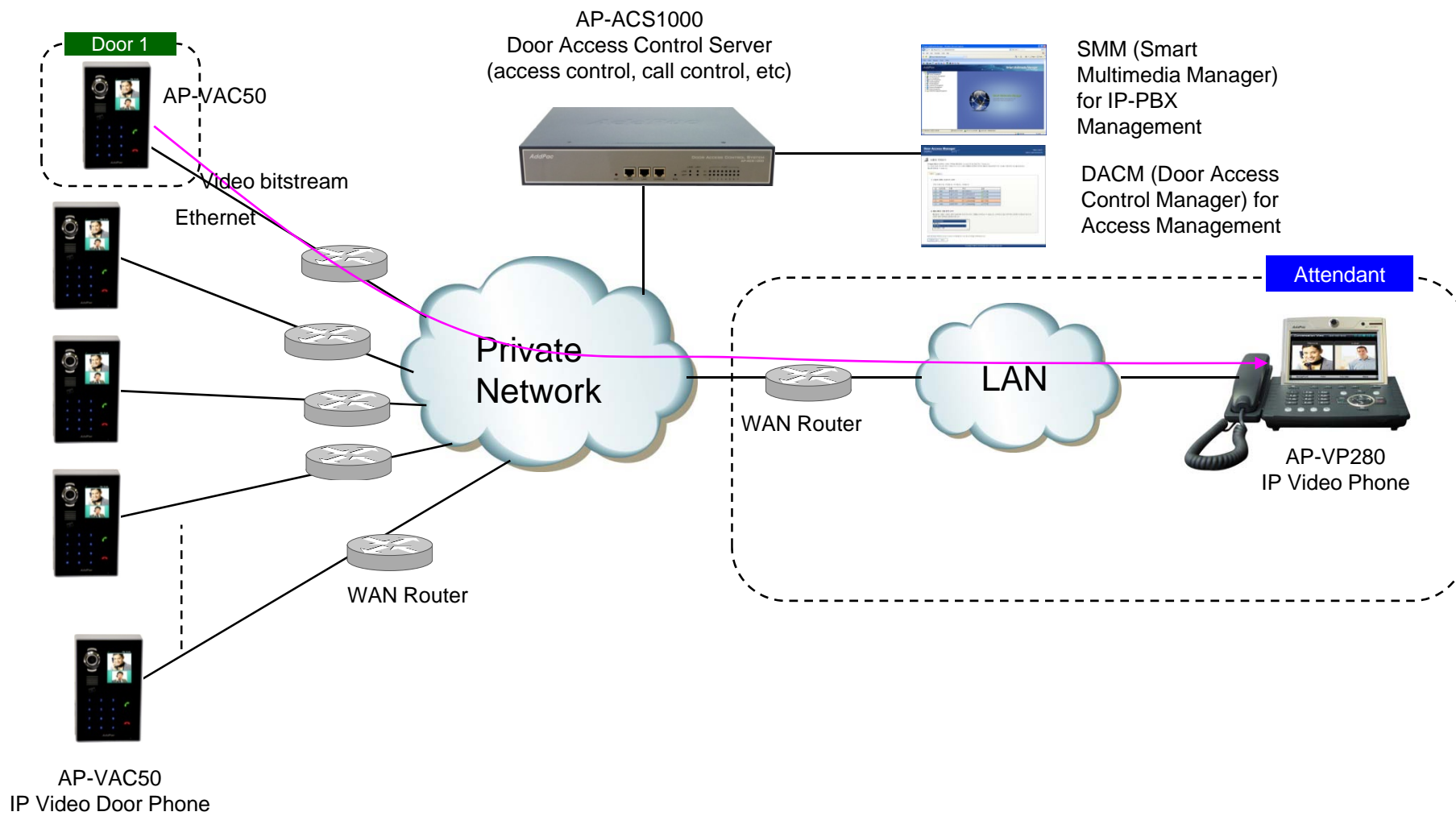
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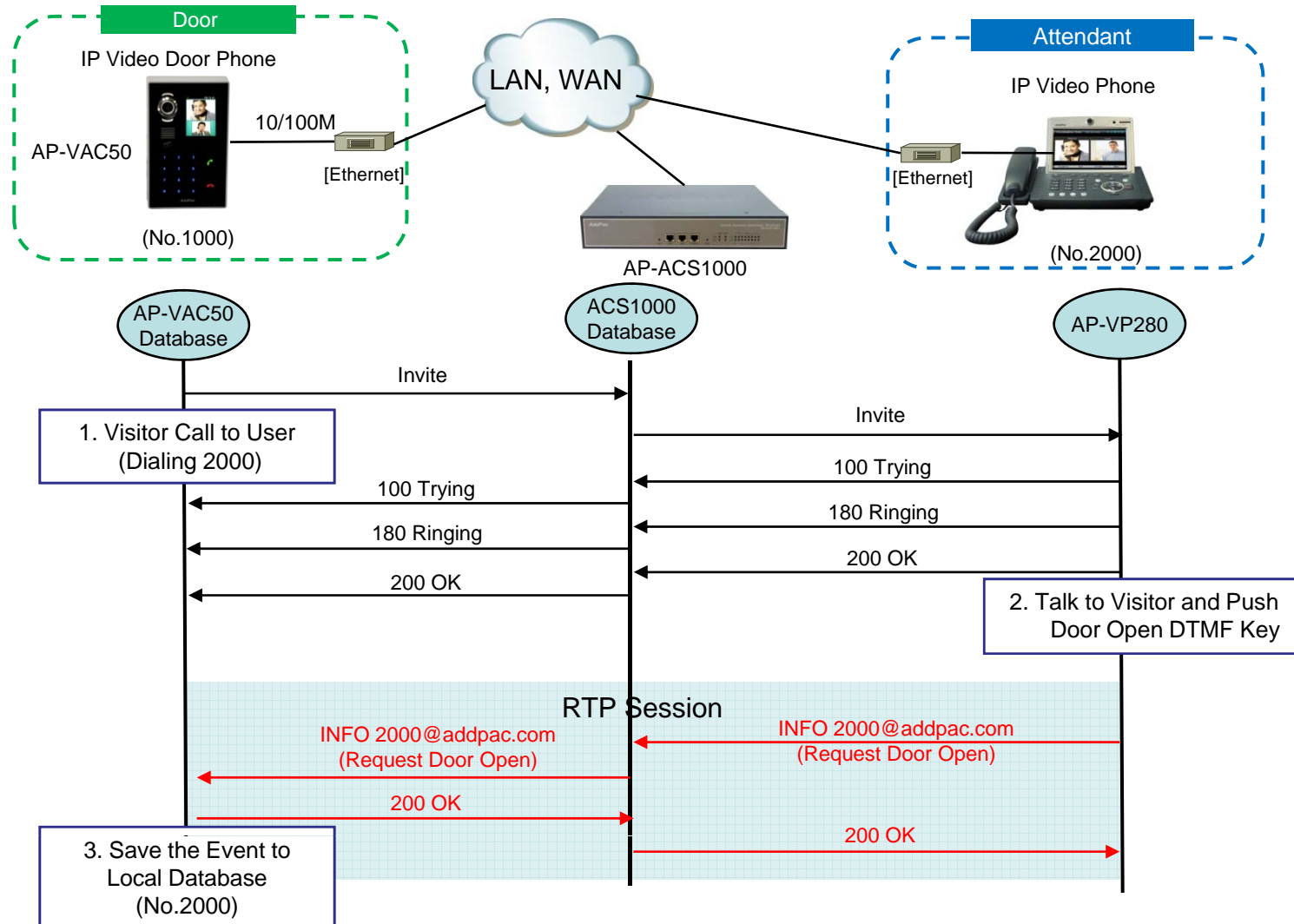
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# Network Diagram



# SIP Video Call Flow



# IP Video Phone Comparison Table

Model	AP-VP700	AP-VP280	AP-VP120
Spec.			
LCD Size	12.1 Inch HD Touch Screen	7 Inch Touch Screen	4.3Inch
Camera	HD CMOS Sensor	CMOS	CMOS
Video Codec	HD Codec	SD Codec	SD Codec
Video Codecs	H.263 H.264	H.263 MPEG4 H.264	H.263 MPEG4 H.264
Signaling	H.323/SIP	H.323/SIP	H.323/SIP
LAN Port	1 (GE)	2 (FE)	2 (FE)
PoE	N/A	Support	Support



# AP-VP700 HD IP Video Phone

# Video Phone

## AP-VP700 HD IP Video Phone

- IP based HD Video Phone Solution
- High-Quality Video, Audio, and Voice Service
- High Performance Programmable Video DSP
- Video Telephony and Videoconferencing Service Features
- H.323 and SIP Dual VoIP Signaling Protocols
- H.264/H.263 Video Codec Support
- Various Call Scenario Support
- Call Status Monitoring Support
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection

# Hardware Specification

## AP-VP700 HD IP Video Phone

RISC  
CPU

High-end  
DSP

- RISC Microprocessor Computing Power
- High-end Programmable DSP Hardware Architecture
- Powerful Video Interface
  - RCA Video Input/Output, HD-SDI HD Video Input, HDMI Output Interface
- High quality Audio and Voice Interface
  - Stereo Audio Input Connector
  - Stereo Audio Output Connector
- Network Interface
  - One(1) 10/100/1000Mbps Gigabit Ethernet (RJ45)
- USB Interface
  - USB 2.0 Master Interface for WiFi Interface USB Module
- FXO PSTN Backup



# Hardware Specification

## AP-VP700 HD IP Video Phone


RISC  
CPU

High-end  
DSP



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# AP-VP280 Video Phone

# Video Phone

## AP-VP280 Video Phone

### Main Features

- 7 Inch LCD Display, Touch Screen
- H.323/SIP Concurrent VoIP Signaling Stack Embedded
- 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)
- Two(2) 10/100Mbps Fast Ethernet (IP Share ,etc)
- G.711/G.726/G.723/G.729, etc
- Powerful Network Protocols (PPPoE, DHCP, Static Routing, etc)
- Rate Control for Video Traffic QoS
  - Ensuring Optimized Quality, Frame Rate with Limited Bandwidth
- Firmware Upgradeable Architecture
- VPMS (VoIP Plug&Play Management System) for Large Scale Deployment
- Advanced Voice QoS Mechanism

# Video Phone

AP-VP280 Video Phone

RISC  
CPU

High-end  
DSP

## Hardware Specification

- RISC Microprocessor Computing Power
- CMOS Image Sensor, Samsung LCD, Touch Screen
- High-end Programmable DSP Hardware Architecture
- Powerful Video Interface
  - RCA Video Input/Output, S-Video Output
- High quality Audio and Voice Interface
  - Stereo Audio Input & Output Connector
- Network Interface
  - Two(2) 10/100Mbps Fast Ethernet
  - One(1) RS-232C Console
  - One(1) USB 1.0 Interface
- PSTN Interface
  - One(1) FXO(RJ11) interface
- Power Supply
  - *External DC adaptor (5V)*

# Video Phone

AP-VP280 Video Phone

RISC  
CPU

High-end  
DSP

## Hardware Specification



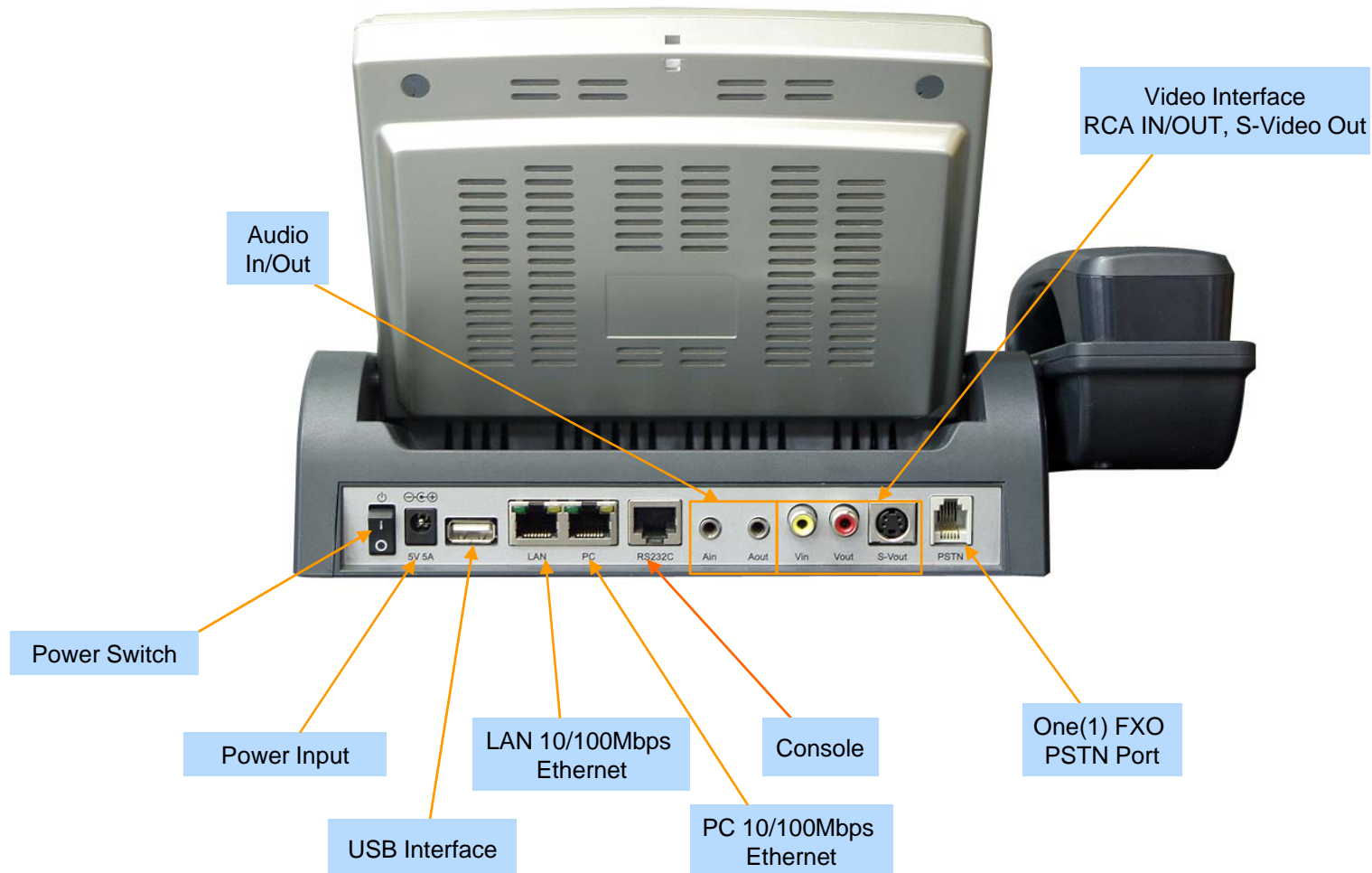
# Video Phone

AP-VP280 Video Phone

## Hardware Specification

RISC  
CPU

High-end  
DSP

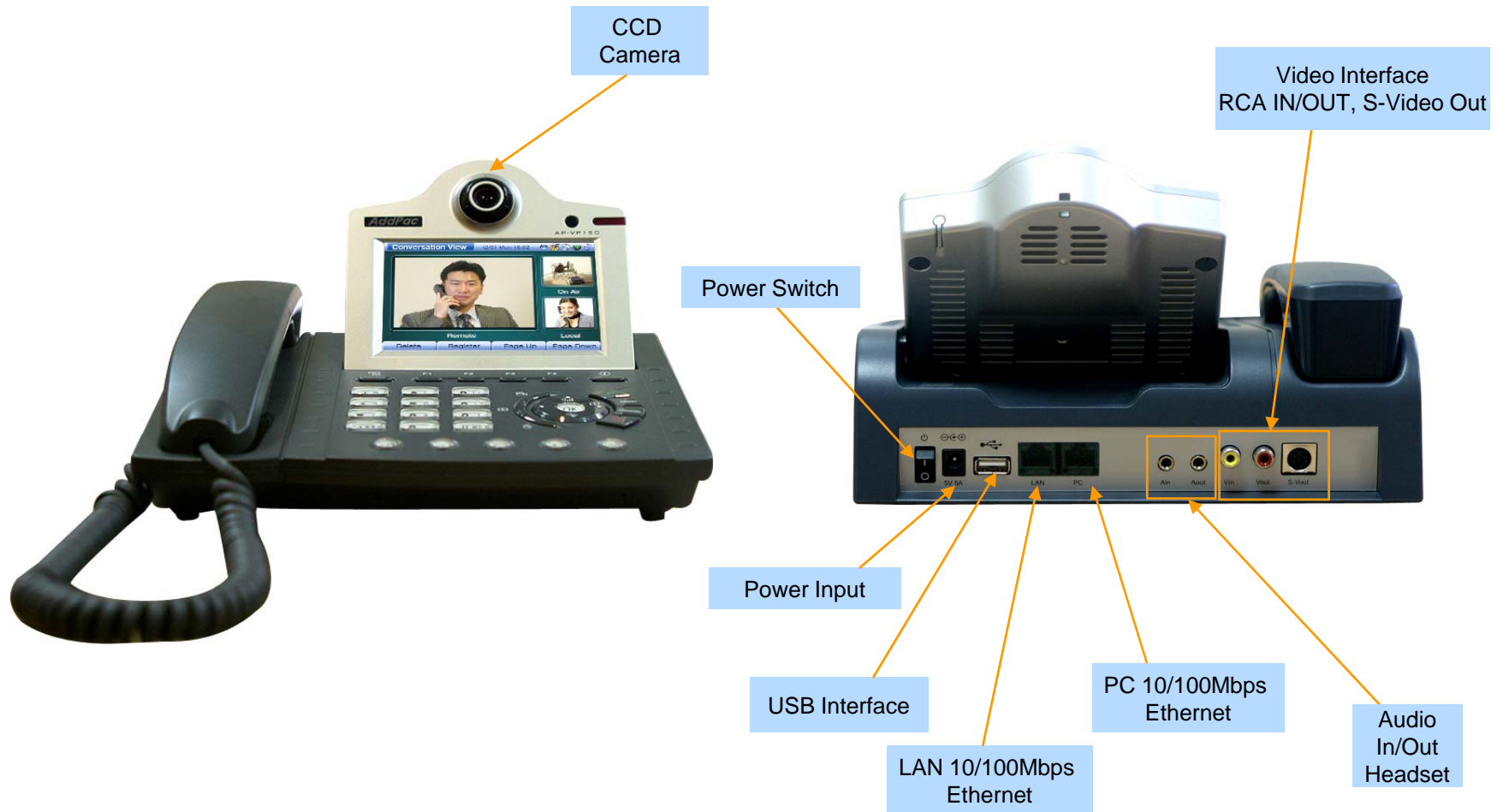


# Video Phone

AP-VP150 Video Phone

RISC  
CPU

High-end  
DSP



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# AP-VP120 Video Phone



# Video Phone

## AP-VP120 Video Phone

### Main Features

- 4.3 Inch Color LCD Display, Touch Screen
- H.323/SIP Concurrent VoIP Signaling Stack Embedded
- 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)
- Two(2) 10/100Mbps Fast Ethernet (IP Share ,etc)
- G.711/G.726/G.723/G.729, etc
- Powerful Network Protocols (PPPoE, DHCP, Static Routing, etc)
- Rate Control for Video Traffic QoS
  - Ensuring Optimized Quality, Frame Rate with Limited Bandwidth
- Firmware Upgradeable Architecture
- VPMS (VoIP Plug&Play Management System) for Large Scale Deployment
- Advanced Voice QoS Mechanism

# Video Phone

AP-VP120 Video Phone

RISC  
CPU

High-end  
DSP

## Hardware Specification

- RISC Microprocessor Computing Power
- CMOS Image Sensor
- 4.3 Inch Color LCD with Touch Screen
- High-end Programmable DSP Hardware Architecture
- Powerful Video Interface
  - RCA Video Input/Output, S-Video Output
- High quality Audio and Voice Interface
  - Stereo Audio Input & Output Connector
- Network Interface
  - Two(2) 10/100Mbps Fast Ethernet
  - One(1) USB 1.0 Interface
- PSTN FXO(RJ11) Interface : **Option**
- Power Supply
  - *External DC adaptor (5V)*
  - *PoE (Power over Ethernet)*

# Video Phone

AP-VP120 Video Phone

RISC  
CPU

High-end  
DSP



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## Video Phone Series

# Thank you!

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