



# AP-VP380G

## IP Video Conference Phone

High Performance IP Video Terminal Solution

### Product Overview



**AddPac**

**AddPac Technology**

Sales and Marketing

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

# High Quality, High Resolution

AP-VP380G IP Video Conference Phone



# High Quality, High Resolution

AP-VP380G IP Video Conference Phone

Full HDTV



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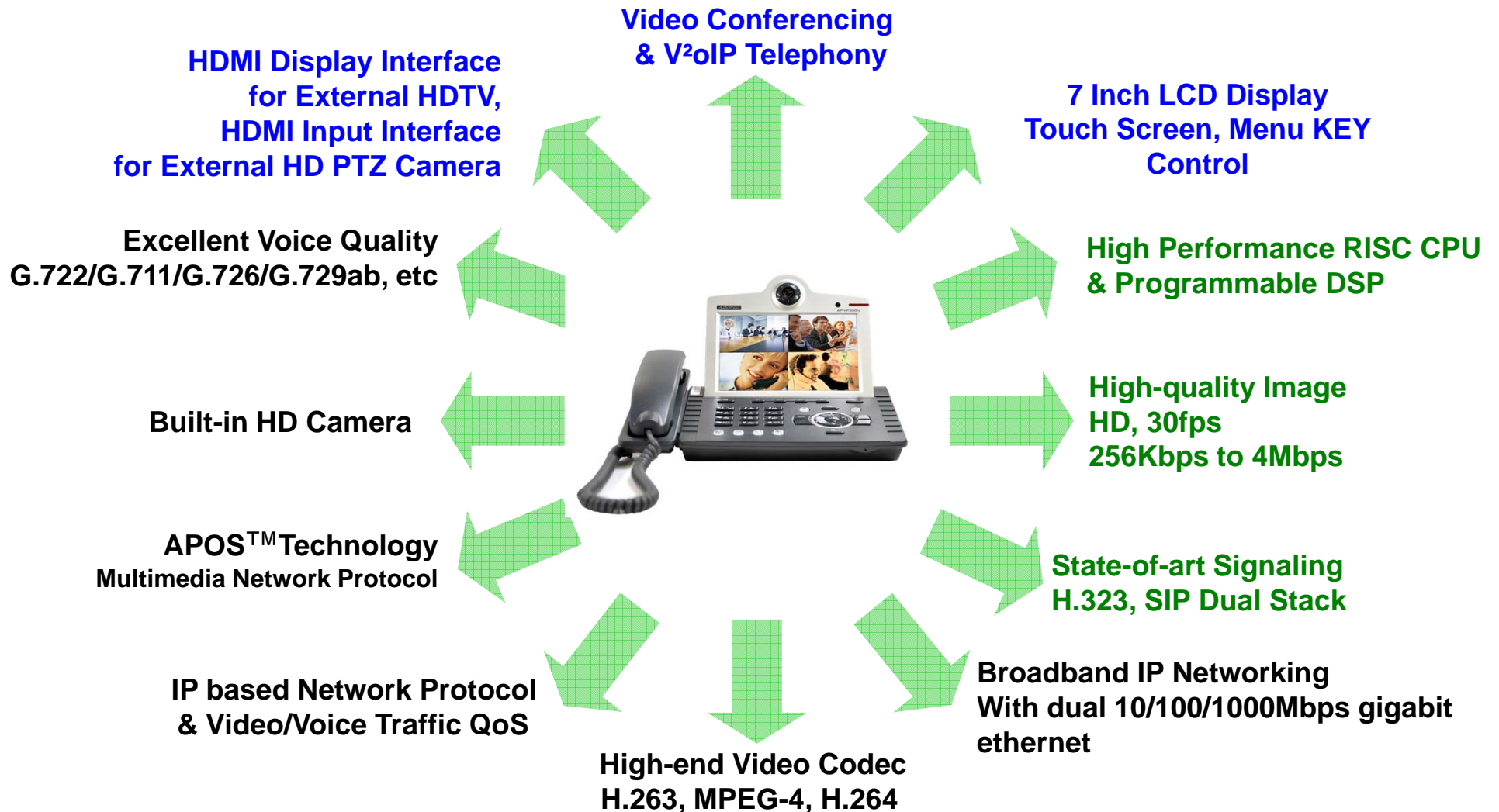
# Product Overview

## AP-VP380G IP Video Conference Phone

- IP based Video Phone Solution
- High-Quality Video, Audio, and Voice Service
- High Performance Programmable Video DSP
- Video Telephony and Videoconferencing Service Features
- **Built-In HD Camera**, Touch Screen LCD Control
- H.323 and SIP Dual VoIP Signaling Protocols
- H.264/H.263/MPEG4 **HD Video Codec Support**
- Two(2) 10/100/1000Mbps Gigabit Ethernet
- **HDMI Video Output Interface for External HDTV**
- **HDMI Video Input Interface for External HD PTZ Camera**
- Various Call Scenario Support
- Call Status Monitoring Support
- TLS/SRTP Security Protocol Support (AES, etc) : Option
- XML Browser Support
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection

# Product Highlights

## AP-VP380G IP Video Conference Phone



# Multimedia Service

AP-VP380G IP Video Conference Phone



- APOS : AddPac Internetworking Operating System
- OSD : On- Screen Display
- EMS : Element Management System

# Benefits and Features

## AP-VP380G IP Video Conference Phone

- **7 Inch LCD Display, Built-in HD Camera**
- **External Video Interface**
  - HDMI Video Out, HDMI Video Input, Audio (RCA) In/Out
- **High-performance Video Codec Support**
  - H.263, MPEG-4, and H.264
- **Powerful Image Resolution Support**
  - QCIF(176x144), CIF(352x288), QVGA(320x240), VGA(640x480), HD (1280x720)
- **Up to 30fps with HD-Resolution for Internal LCD, Built-In Camera**
- **HDMI Output Interface for External Full HDTV**
- **Video Conference Call Support (AddPac External MCU Inter-working)**
- **SIP, H.323 Signaling Support**
- **Rate Control for Video Traffic QoS**
  - Ensuring Optimized Quality
  - Frame Rate with Limited Bandwidth

**AddPac** High-end Error Resilient Against Various Packet Error



# Hardware Specification

AP-VP380G IP Video Conference Phone

High-end  
**DSP**

- **High-end Programmable DSP Hardware Architecture**
- **Video Interface**
  - HDMI Video Output, HDMI Video Input
- **High quality Audio and Voice Interface**
  - Stereo Audio Input & Output Connector
- **Network Interface**
  - Two(2) 10/100/1000Mbps Gigabit Ethernet (RJ45)
  - One(1) RS-232C Console (RJ45)
  - One(1) RS-232C Port for PTZ Control (RJ45)
  - One(1) USB Interface
- **Power Supply**
  - External Power Adaptor

# Hardware Specification

AP-VP380G IP Video Conference Phone

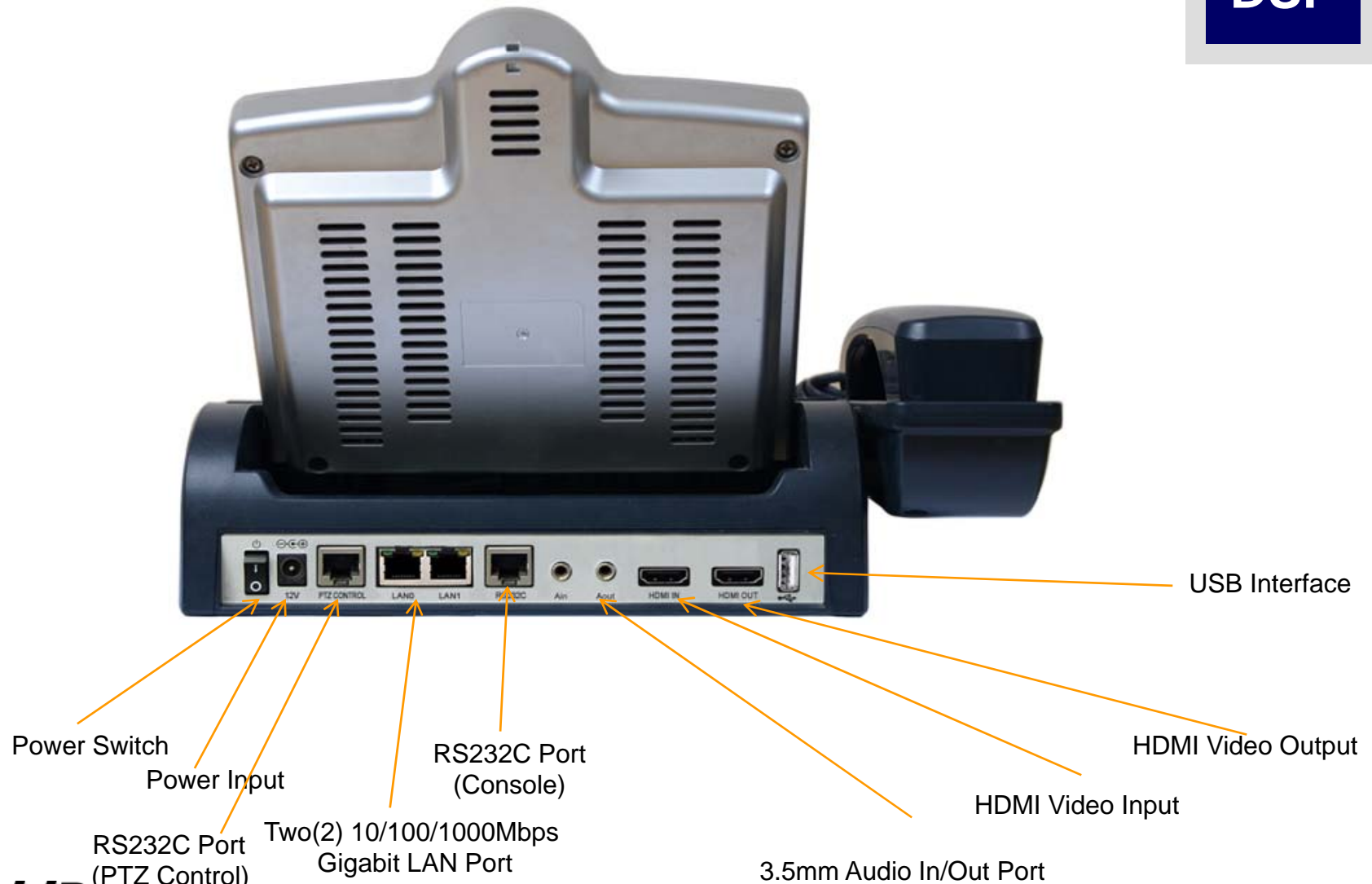
High-end  
DSP



# Hardware Specification

AP-VP300G IP Video Phone

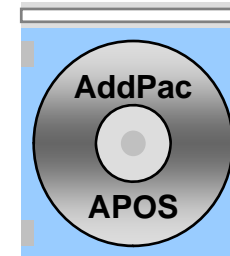
High-end  
**DSP**



# Software Service

AP-VP380G IP Video Conference Phone

- **Built-in AddPac APOS Internetworking Software**
  - Scalability, Functionality, and Stability Features
  - Video Traffic QoS Control
- **Programmable Video, Audio, and Voice Services**
  - Video Codes, Audio, and Voice Codec
- **Firmware Upgradeable DSP Architecture**
- **OSD (On-screen Display) Function Support**
- **Industry Standard IP based Network Protocol Features**



# Video Service and Features

## AP-VP300G IP Video Phone

- **Various Video Networking Interface**
  - HDMI for HD Video Display, HD Video Camera
- **High-performance Video Codec Support**
  - H.263, MPEG-4, and H.264
- **Powerful Image Resolution Support**
  - QCIF(176x144), CIF(352x288), QVGA(320x240),VGA(640x480), HD (1280x720)
- **Up to 30fps with HD Video Codec**
- **HDMI Output Interface for External HDTV**
- **HDMI Input Interface for External PTZ HD Camera**
- **256Kbps to 1Mbps Operating Video Traffic Bandwidth**
- **Rate Control for Video Traffic QoS**
  - Ensuring Optimized Quality
  - Frame Rate with Limited Bandwidth
- **High-end Error Resilient Against Various Packet Error**

# Audio & Voice Service and Features

## AP-VP380G IP Video Conference Phone

- **Audio & Voice Networking Interface**
  - Audio Input/Output Port (2 x 3.5mm Stereo Female Connector)
- **VoIP based Signaling Protocol Support**
  - H.323, SIP Multiple Signaling Protocol Stack
  - H.323 Gateway, Gatekeeper Support
- **High-performance Audio & Voice Codec Support**
  - Line IN/OUT : G.726, G.711, G.722 Audio Codec, etc
- **Enhanced QoS Management Features for Voice Traffics**

# Network Service and Features

## AP-VP380G IP Video Conference Phone

- **Basic Network Protocols**
  - ARP, IP, IPv6, TCP, UDP, ICMP, ICMPv6, SCTP, IGMP, MLD
- **Routing Protocol**
  - IPv4 : Static
  - IPv6 : Static
- **Service Protocol**
  - FTP, Telnet, TFTP, DHCP Server/Relay, SNMP Server
  - CDP (Cisco Discovery Protocol)
  - DNS Resolver , DDNS(nsupdate)
  - Bridge
  - Syslog
  - IP/IPv6 policy control (QoS)
  - VPDN (Virtual Private Dial-up Network : L2TP Server)

# Network Service and Features

## AP-VP380G IP Video Conference Phone

- **IPv4/IPv6 Interworking**
  - NAT/PAT for IPv4
  - IP connect (formerly ip-share) and device cascade for IPv4
  - IP/IP, IP/GRE tunneling
  - NAT-PT
  - 6to4, Autoconfig tunneling
- **IPv4 Address Configuration**
  - Fixed (Static)
  - DHCP
  - PPPoE
- **IPv6 Address Configuration**
  - Fixed (Static)
  - EUI-64
  - Autoconfig (Neighbor Advertisement and Solicitation)



# Network Service and Features

## AP-VP380G IP Video Conference Phone

- **Miscellaneous**
  - Cisco Style CLI
  - Standard & Extended IPv4/IPv6 Access List
  - Multi-level User Account Management
  - IP accounting
  - fsh (Embedded file system shell)
  - STUN Client

# Network Service and Features

## AP-VP380G IP Video Conference Phone

- **SNMP MIBs**

- MIB-II
- RMON MIBs (Statistics, History, Alarm, Hosts Group)
- RFC2465 Management Information Base for IP Version 6: Textual Conventions and General Group
- RFC2466 Management Information Base for IP Version 6: ICMPv6 Group
- RFC2452 IP Version 6 Management Information Base for the Transmission Control Protocol
- RFC2454 IP Version 6 Management Information Base for the User Datagram Protocol
- AddPac Enterprise MIBs
- etc

# AP-V380G IP Video Conference Phone

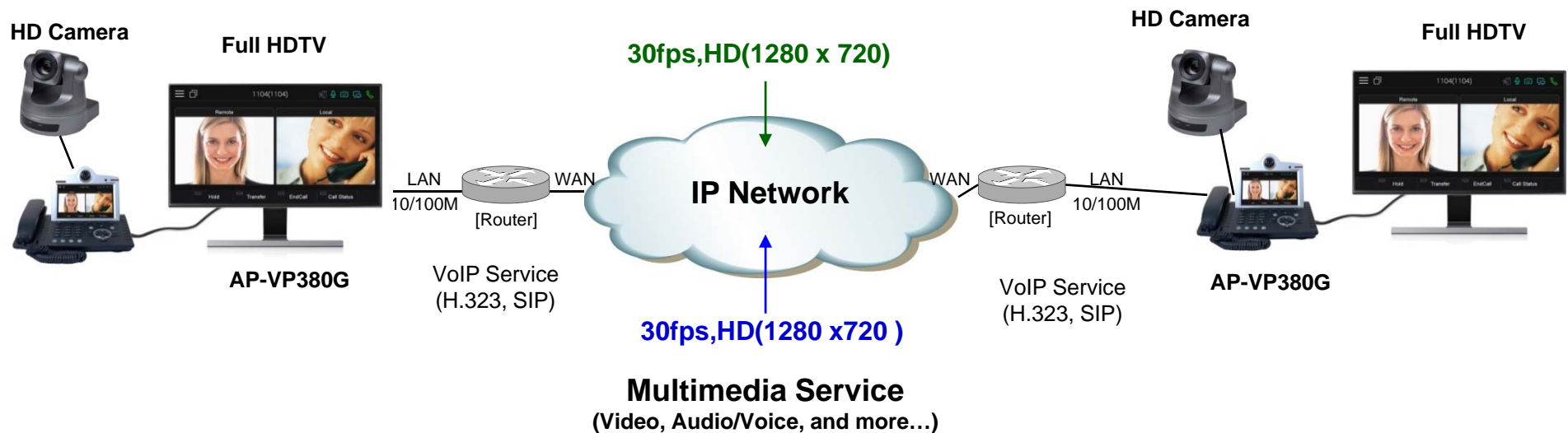
## Application Area

- IP-PBX Video Terminal (SIP, H.323, etc)
- Audio/Video Real-time Broadcasting
- Video Telephony
- Video Conference

# Video Telephony Application

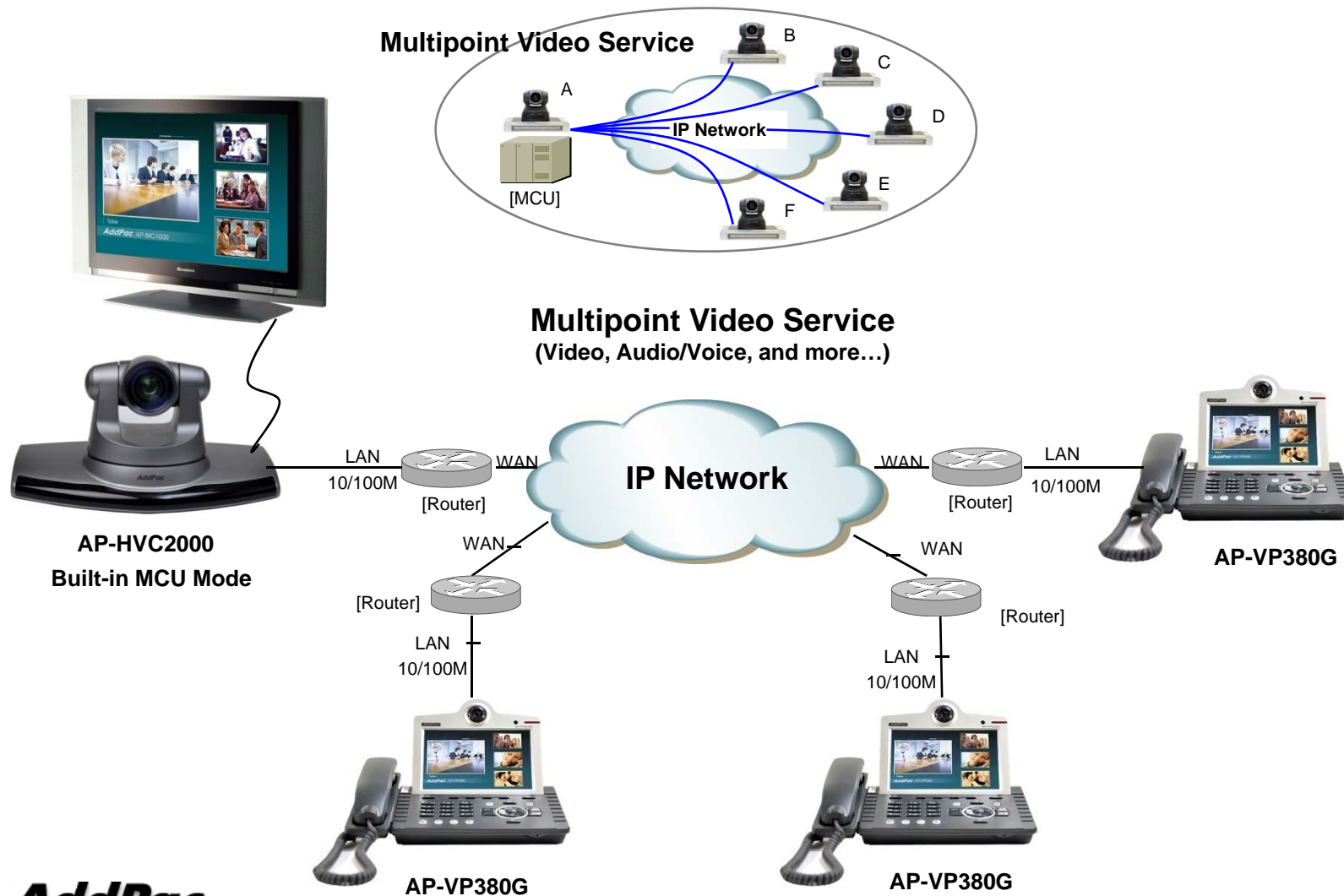
AP-VP380G IP Video Conference Phone

## Point-to-Point Video Service (symmetric video quality)



# Video Conference

## AP-VP380G IP Video Conference Phone



# Ordering Information

- **AP-VP300G IP Video Phone Hardware**
  - RISC Microprocessor with High-end Programmable DSP Architecture
  - 7 Inch LCD, Built In HD Camera, Touch Screen
  - External Video RCA Input/Output, HDMI Video Output, HDMI Video Input
  - 3.5mm Audio Input/Output
  - 2-ports 10/100/1000Mbps Gigabit Ethernet and 1-port RS-232C Console
  - 1-port RS232C Interface for PTZ Control
  - USB Interface
  - Including Network Cable Set & Ext. Power Supply, etc.
- **Built-in APOS Internetworking Software for AP-VP380G**
- **Including 1 Year Hardware Warranty**
- **Product Documents**
  - Install and Operation Guide (PDF)
- **Pricing**
  - AddPac Technology Regional Sales Manager
  - Authorized Sales and Marketing Representatives
  - Please Contact [www.addpac.com](http://www.addpac.com)



# Thank you!

**AddPac Technology Co., Ltd.**  
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