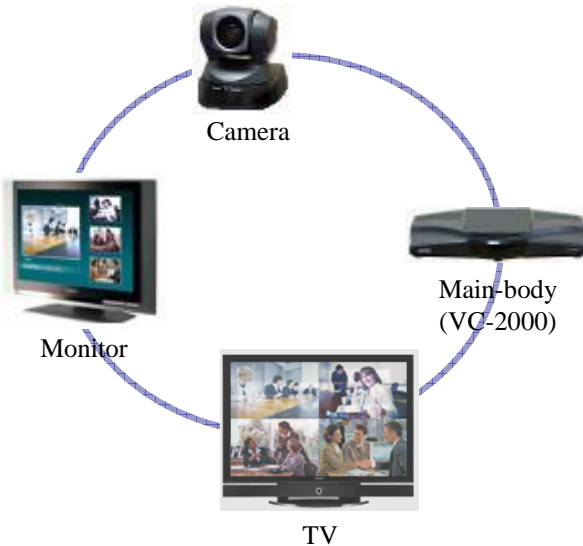


**Video conference solution bases on IP network transmission of audio and video stream to bring people at different sites together for a meeting**



<Sample View>

## Characteristics

- **4 party video conference system**
  - : Fast and efficient method to bring together 2 ~ 4 parties for a meeting
- **Consist of camera, main-body, monitor, mic**
  - : Ap-vc2000 includes camera and main-body.
  - : 23inchs LCD TV, external Microphone
- **Video telephony/Video Conference**
  - : Talk to face to face. Multimedia communication by connecting ordinary telephones ( or external microphones and speakers ), TV, PC monitors
- **VoIP telephony**
  - : VoIP telephony service between video gateways and low cost telephony service with PSTN users via VoIP ISP service.

## Item Description

### - Item List

Item	Model	Qty	Unit
Video Conference Set	AP-VC2000		Set
23" LCD TV	XCANVAS 23LC1RB		EA
Microphone System	To Be Determined		Set



### - Specification of AP-VC2000

Item	Description
CPU	High Performance RISC Integrated Processor
DSP	High Performance DSP
Memory	512KB Boot Memory, 16MB Flash Memory, 128MB Main Memory
Network Interface	2-Ports 10/100Mbps Ethernet (LAN 0, LAN 1)
Voice Interface	1-ports FXS Analog Voice Interface
Console & USB	1-port RS-232C Console Interface, 1-port USB Interface
Audio/Voice Interface (CH0)	1-CH Composite RCA Video Input and Output, 1-CH S-Video Input and Output 1-CH Component Video (Y, Cr, Cb) Input and Output 1-CH 3.5mm RCA Audio Input 1-CH RCA Audio Output Left and Right
Audio/Voice Interface (CH1)	1-CH Composite RCA Video Input and Output 1-CH S-Video Input and Output 1-CH D-sub RGB Video Input and Output 1-CH Component Video (Y, Cr, Cb) Input and Output 1-CH 3.5mm RCA Audio Input 1-CH RCA Audio Output Left and Right

## Item Description

### - Video Services

Item	Description
Video Codec	MPEG4, H.263, JPEG, and H.264
Resolution	QCIF(176X144), CIF(352X288), QVGA(320X240), VGA(640x480)
Frame Rate	Up to 30fps with VGA-Resolution (MPEG-4)
Operating Bandwidth	64Kbps ~ 4Mbps
MCU Service	Built – in 4 Party MCU function with Video Mixing, Meet – Me, Add-Hoc, Dial-Out conferencing Signaling Support
Dual Operation Features	Dual Monitor with Independent Display and Emulation
Video QoS	Enhanced QoS Management for Video Traffic



### - Audio Service and Signaling Protocol Features

Item	Description
Voice and Audio Codec	G.711, G.723.1, G.726, G.729
VoIP Signaling Protocol	SIP/H.323 VoIP Signaling Protocol (Dual Stack) ITU-T H.323 Gateway, Gatekeeper Support SIP Proxy Server Interoperability
Echo Cancellation	G.165 and G.168 Compliant
Voice Processing	VAD, CNG, Dynamic Jitter Buffer Operation
FAX Support	T.38 G3 (Group 3) FAX Relay
DTMF	Detection and Generation, RFC 2833 Compliant
Telephone Features	On-screen Dial Pad, Caller ID & Hold
Voice QoS	Enhanced QoS Management for Voice Traffic