PCMT
Desktop Endpoint Software

A cost effective video communication allows you to exercise a remote collaboration at your convenience.

PCMT Software plays as an endpoint of videoconferencing on a computer, configured with sound card installed, a USB camera and a headset. You may use PCMT from your office desk to attend any meeting held in conference room. PCMT user can organize a point-to-point video communication between PC users or a self-service multipoint conference. During a conference, PCMT software also provides functions such as program sharing, file transfer, whiteboard and text chatting. With this software, your remote collaboration and office efficiency will be greatly improved.

- **Exceptional Video/Audio Quality**

With H.264 efficient video codec and wideband audio processing technologies, PCMT software can improve image resolution with full-dynamic effect, 16 times better than other conventional video communication software. With the Video Intelligence Optimization and Coding Policy Adjustment technologies®, PCMT software provides you with excellent audiovisual communication in any bandwidth environment.

- **Concise Operation Interface**

PCMT software adopts friendly and concise Graphic User Interfaces. Calls may be quickly originated through its address book, which is as convenient as making a phone call. Under its boardroom mode, by using mouse drag-and-drop, you may hold a self-service multipoint conference with various operations, even without knowledge of computer communication technology.

- **Efficient Remote Collaboration**

PCMT software allows to share PC desktop with other sites during video communication. Conference participants can browse PPT slides, pictures, spreadsheets or documents from each other. Its data conference functions such as application sharing, file transfer, whiteboard and text chatting with other PCMTs improve collaborative work with people in remote places.

- **Strong Network Adaptability**

With power of IPLR (Intelligent Packet Loss Recovery), Dynamic Rate Adjustability and QoS Optimization technologies, PCMT software can automatically adapt to different network environments and ensure conference running under adverse Internet network conditions. PCMT software also consists of a built-in proxy, which allows setting up a traversal over NAT and firewall, without any additional equipment. Thus, you can rapidly deploy a highly secured network on the basis of Internet connection.

- **Powerful Conference Function**

PCMT software allows to create a point-to-point or multipoint conference independently, following standard videoconferencing operations, just like operating normal hardware endpoint in a conference room. Therefore, your laptop may attend any video conference as a standard endpoint from any site.

- **Intensive Security Features**

The high-reliable 128-bit encryption mechanism is applied to ensure the security of conference information.

- **Lower Investment Cost**

As PCMT software installed in your desktop computer, you may deploy a desktop-based videoconferencing network at a very low cost. Meanwhile, using ordinary USB camera and headset as peripherals can further cut down the cost of your entire investment.

KEDACOM

Technical Specifications:

Standards Followed
System standard: H.323
Video standard: H.261, H.263, H.263+, H.264, MPEG-2, and MPEG-4
Audio standard: G.711, G.722, G.722.1 Annex C/Polycom® Siren14™, G.723.1, G.728, G.729, MP3
Dual video standard: H.239
Network protocol: TCP/IP, Telnet, HTTP, FTP,SNMP, DHCP, and RTP/RTCP
Other standards: H.225, H.235, H.245, H.281, and T.120

Conference Rate
Up to 8 Mbps

Video Resolution
QCIF (176 × 144)
CIF (352 × 288)
4CIF (704 × 576)

Video Frame Rate
Up to 30 frames/second

Video Features
PIP (Picture In Picture) display
Multi-picture monitoring
Adjustment of video source parameters

Audio Features
Automatic Echo Cancellation (AEC)
Automatic Noise Suppression (ANS)
Automatic Gain Control (AGC)
Mute and dumb control
Active lip synchronization

Conference Functions
Point-to-point call or multipoint conference
Graphic boardroom
Conference snapshot
Conference logo
Message

Conference Cooperation
Dual video stream receiving
Desktop sharing
Electronic whiteboard
Application sharing
File transfer
Text chat

Network Adaptability
NAT/firewall transversal
IPLR
Dynamic rate adjustment
QoS (DiffServ, IP Precedence)

Security Features
H.235 conference encryption
128-bit AES encryption
Conference password
Log-in authentication and authorization
Gatekeeper password authentication

Management and Diagnosis
Graphic interface management
Address book management
Self-loop test

Multicast Functions
Conference streaming multicast
Multicast password authentication

Hardware Environment
PC or server: CPU P4 2.4G or above; memory 512M or above
USB camera
Earphone (or microphone + sound box)