



IIT BHU, Varanasi
Director Conference Room
Wireless Audio Conferencing with Look at
Me/Audio tracking Facility
Dual-Codec(IP based) + Soft VC



CLIENT'S REQUIREMENT

Initially, there was an oversight regarding the audio setup despite completing all the acoustic and flooring work.

However, upon realizing the absence of audio, we stepped in to address the issue and provide a comprehensive audio solution for the room.

Client wanted a Wireless Chairman & Delegate Unit so to avoid any civil work to be done on floor as a expensive carpet was already laid.

Hardware (Codec/IP) based and Software based Video Conferencing – Both were to be installed in the room.

Look At Me / Audio Tracking : The camera should zoom and Focus on the active speaker

Display with annotation : LED TV with the facility to write on it too.

SOLUTION PROVIDED BY ATDSC

Director's Conference Room to be equipped with Audio Conferencing along with Video Conferencing having Look at Me/Audio tracking facility, as it was overlooked during the initial setup.

Now, so no cables could laid we installed a Wireless Audio conferencing system with a Look At Me / Audio Tracking camera, which offers enhanced audio capabilities.

Here are the key features of the solution:

- **Wireless Audio Conferencing System with Built-in Look At Me/Audio Tracking : Wireless Chairman & Delegate Units** The wireless Audio conferencing system not only enables seamless communication but also includes audio functionality. It allows participants to connect wirelessly to the conference system, providing flexibility and convenience.
- **Speaker Tracking Camera with Zoom and Focus:** The installed speaker tracking camera is equipped with advanced features such as zoom and focus capabilities. When a speaker presses a button to speak, the camera automatically zooms in and adjusts the focus to capture the speaker clearly. This ensures that the active speaker is prominently featured in the video feed.

SOLUTION PROVIDED BY ATDSC

- Hardware (Codec/IP) based + Software VC Set : A Codec + High End PC with Software VC Licence was installed.
- Camera : The Look At Me / Speaker Tracking Camera provided has both HDMI & USB out. So single camera was connected through HDMI to Codec and via USB to PC. Both type VC is conducted seamlessly without connecting or disconnecting any cables.
- Interactive Flat Panel (IFP) : 86” IFP was installed which worked as display as well as for writing and discussion purpose.

By incorporating the Wireless Audio conferencing system with a speaker tracking camera along with Video Conferencing system, the Director's Conference Room now has an integrated audio and video solution.

This setup ensures clear audio capture and facilitates seamless communication and collaboration during conferences.

The speaker tracking camera with zoom and focus capabilities enhances the visibility and engagement of the active speaker, improving the overall conference experience for all participants.

Bills of Quantities (BOQ)

DESCRIPTION OF GOODS	QTY
Display	
Interactive Flat Panel - Size-86"	1
Camera	
PTZ Camera – 20X Optical Zoom, 60fps, Look At Me compatible.	1
Video Conferencing	
Codec for IP based VC	1
Audio	
Wireless Chairman Unit Microphone	1
Wireless Delegate Unit Microphone	10
Audio Controller with Integrated Processor - (For Audio Conferencing Mic. and Look At Me / Audio Tracking)	1
Amplifier- 170 watt	1
Speaker- 30 Watt	2 (Pair)
Digital Signal Processor (DSP) 4 In 4 Out	1
Desktop PC	1
Cable & Connectors	LOT
Rack 17U	1

THANK YOU

