

## VIRTUAL CLASSROOM

*“Ideal for Video conferencing, virtual classrooms, training rooms and classrooms”*



**Server Based MCU**

Type of Video Conferencing	All in one MCU based
Resolution	1080p, 60 fps
Bandwidth for video quality	1024
Number of Ports on Ip	13 Ports in all in one MCU
Registered Desktop Client	30 Internal/external server
Power Supply	Redundant power supply to MCU in same chassis server
Gatekeeper and Scheduler	Concurrent ports and registration for Admin User and Authentication
Components of MCU	Management SW & desktop client SW
Audio Port	MCU Audio Port on IP
IP Based MCU	External MCU IP based to network management system
End Points	13 end point internal/external
Registered Desktop Client	30 Internal/External
Registered Mobile Client	30 Internal/External
Registered User	13 Internal/External
Dual Video Feature	Available in desktop
Management Software Licence	13
MCU Desktop Client Resolution	1080p @ 30fps

**MCU Support**

MCU Audio G Dot 711, G Dot 722, G Dot 729, 10 Multiple conferences / Sessions / meetings with total number of participants, Video Coding H.263,H.264AVC,H.264SVC,H.264 High Profile, Telnet /USB /RJ45 /ssh, control of a conference like adding participants, removing participants, muting participants video and/ or audio, lock a conference, sending / receiving multiple streams of video and presentation content without losing MCU port capacity, layout choices of different layouts, adapt the continuous presence screen layouts to accommodate newly added or dropped participants from the conference, up to 16 participants automatically, standards based method of compensating and correcting for packet loss media streams loss, complete conference control, interface browser to support all in call management functions with add and drop' manipulation of parties in the call, configurable text overlay function, where in the Name, Site Identifier or terminal info is displayable, maximum bandwidth control per endpoint or per groups of endpoints, solution support distributed architecture, support real time monitoring, Scheduling support through outlook integration, allow registration of users, endpoints, their authentication and providing each a unique ID and presence status for simplified dialling, Microsoft Outlook/Google etc scheduling with email notifications to individual participants, support personal address book, conference scheduling application must support Dial-in or Dial-out to terminals, conference MCU solution must support Direct Inward Dial to scheduled meetings, network management software of the MCU/bridge must provide CDR data and view of current calls It allows to view all components of the solution and allow them to be maintained and upgrade centrally, MCU management software is capable to send e-mail notification to all participants using Microsoft outlook /Google etc plug in, MCU is with redundant power supply in same chassis/ Server, desktop Client to be downloadable from central server or available on CD/USB, desktop client is capable to display the presentation/ data sharing, shared by remote

sites, support AES 128 bit encryption, Media Relay Unit/Firewall and Nat recall unit to be linked with MCU in order to make it available to all Codecs/endpoints, desktop client is capable to run on latest Windows/Mac/Linux platforms along with mobile devices of IOS and Android, IPv6 ready from day one,