



TOMMS VR

Mobile App Guide

Version 3.1

HAEDEN BRIDGE
VR/AR BASED IMMERSIVE TELEPRESENCE



HAEDEN BRIDGE
VR/AR BASED IMMERSIVE TELEPRESENCE

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CONTENTS

04 Mobile App Guide

- 05 App Download & Login
- 06 Conference List
- 07 Create Conference
- 08 Conference Invitation
- 09 Conference Room Functions
- 10 Control Panel
- 12 Screen Layout
- 15 Text Chat
- 16 Participant List
- 17 Content List
- 18 How To Share Contents
- 19 Annotation
- 20 Setting



TOMMS MOBILE App

Mobile App Guide

TOMMS mobile app guide.

Sign in to the mobile app, create a conference, and Join.

App Download & Login

Conference List

Create Conference

Conference Invitation

Conference Room Functions

Control Panel

Screen Layout

Text Chat

Participant List

Content List

How To Share Contents

Annotation

Setting

App Download & Login

You can download the TOMMS mobile app from the Google Play Store and the Apple App Store. Download and install the app to launch TOMMS.



TOMMS Mobile App Icon

Download and Install

You can download the TOMMS mobile app from the Google Play Store and the Apple App Store. Download and install apps.

If installed normally, the TOMMS logo will appear and launch the app.

Setting

Server URL
Type server address.

User ID
userAccount@tomms.com

Pssword
.....

LOGIN

Version 1.0.144 (150)

Login

The login screen appears on the first run. Enter the server address, ID, and password and click the [LOGIN] button to log in.

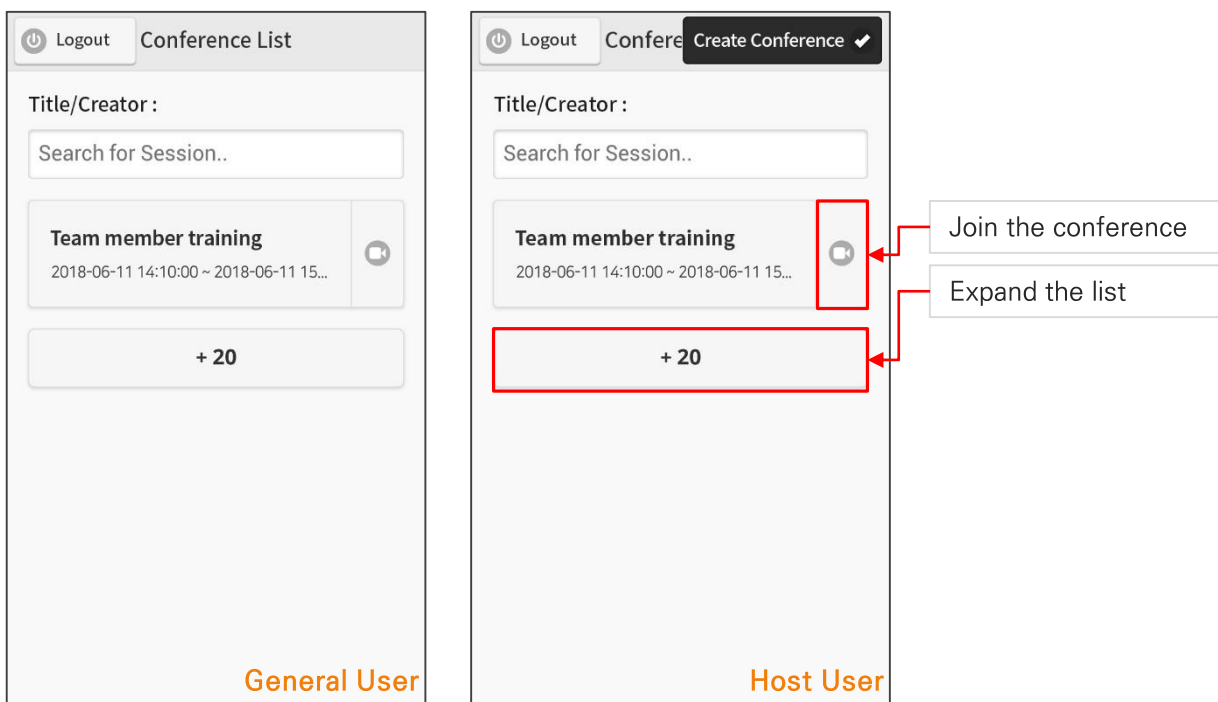
- **Server Address**
Enter the server address where TOMMS is installed. (Please contact your administrator for the server address.)
- **ID and password**
Enter the pre-generated ID and password.

Conference List

Conference list appears with conference title and time after login. Swiping down and up the screen, you can find whole conferences on the list. To enter the conference room, tap on the area where the conference title/time is shown.

Conference List

scheduled/ongoing conferences will be displayed on the list. Click on [Join] button to attend the conference. Click on button[+20] and you can see more conferences if available.



Conference List Screen

The [Create Conference] button does not appear on a user screen that does not have a host privilege.

Create Conference

Create Conference

Users with host privilege can see the [Create Conference] button on the screen, and create a conference.

Conference Configuration

- **Title**
Type the conference title.
- **Date/Time**
Click on textbox to set the date, and select hour and minute.
- **Hour/Minute/Duration**
Set the start time and duration of the conference.
- **Password/Security**
'Password' is conference room password. If security is set, user should type correct password to participate in the conference.
- **Configuration Option**
Select the Conference Settings option. System administrators choose options that are preconfigured to take into account network conditions and conferencing situations. Select the appropriate option considering picture quality and number of frames (fps). You can also preset options that are used during a conference
- **MPS**
Set the MPS of the conference.

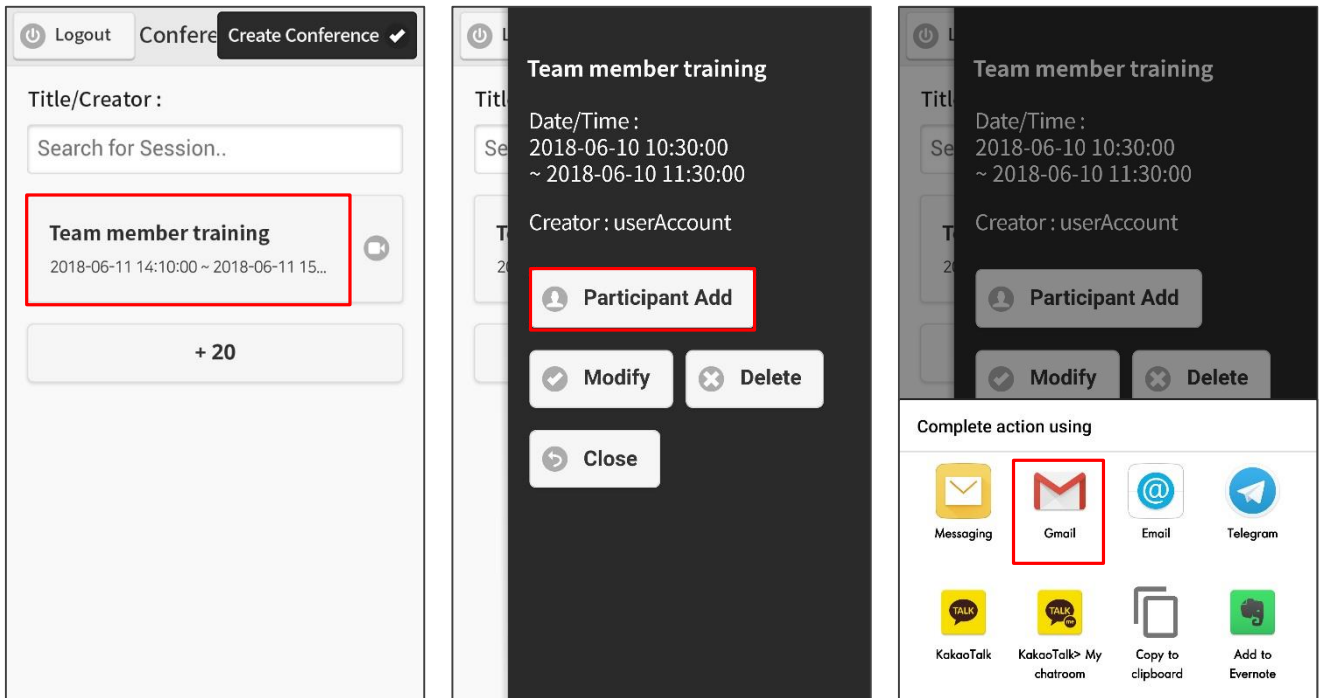
After completing the setting, press [Next] to complete the conference configuration.

Conference Invitation

Conference Invitation

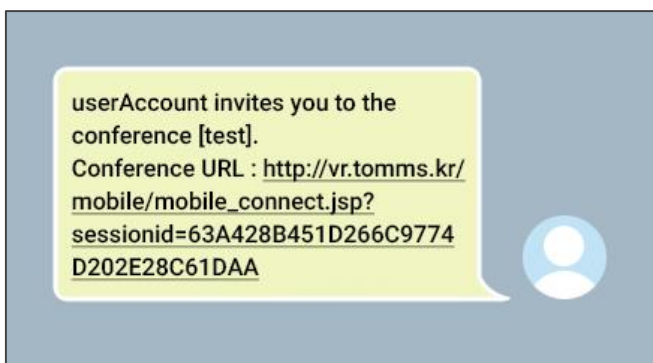
Host can send invitation including conference information and URL via text or SNS message.

- ① When you select a conference from the list, the conference information is displayed.
- ② From the conference information, select [Participant Add].
- ③ Select the Messenger/Application to which you want to send a conference invitation message.



Note) Select the application that can send meeting invitation messages.

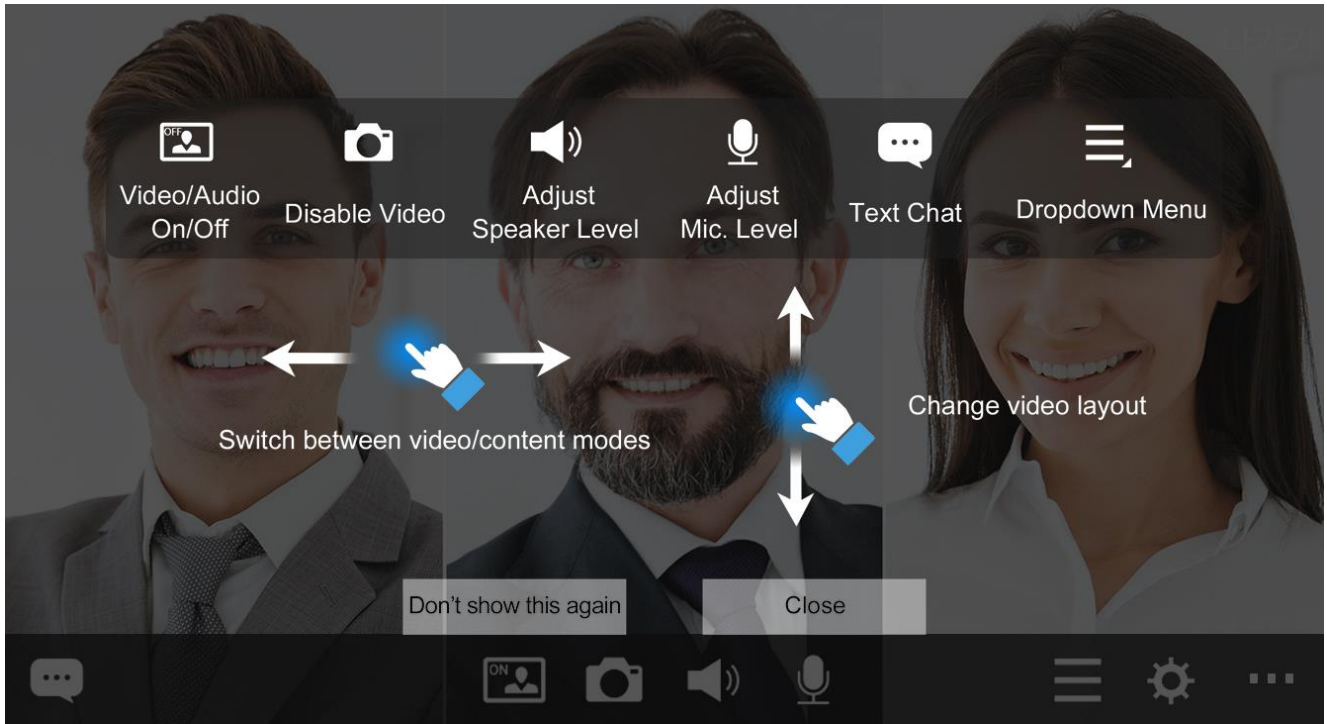
- ④ People invited to the conference will receive a message with the conference URL (address). The recipient of the message can participate the conference via the conference URL.



Conference Room Functions

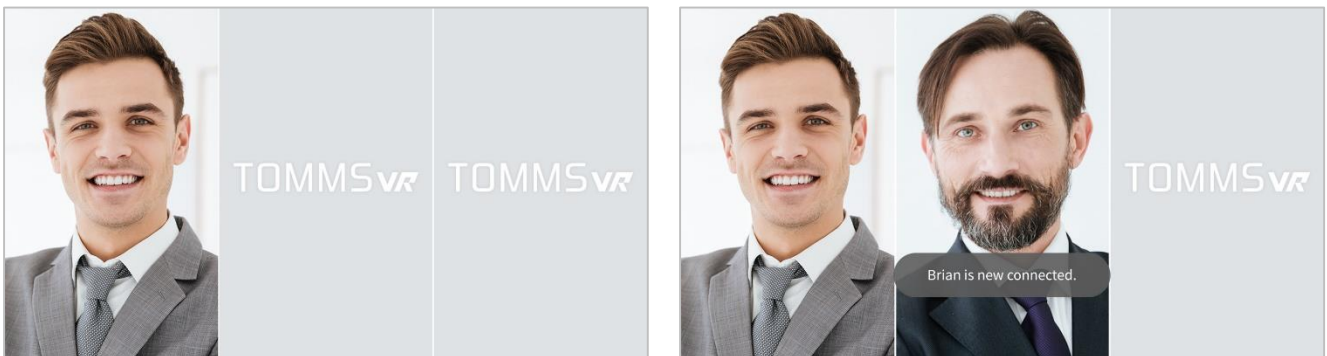
Help Guide View

When you enter the conference room, you will first see a Help Guide View that briefly describes the function of the conference room. If you do not want to be visible next time, click the [Don't show this again] button, or just click the [Close] button to close the screen and enter the conference room.



Conference Room

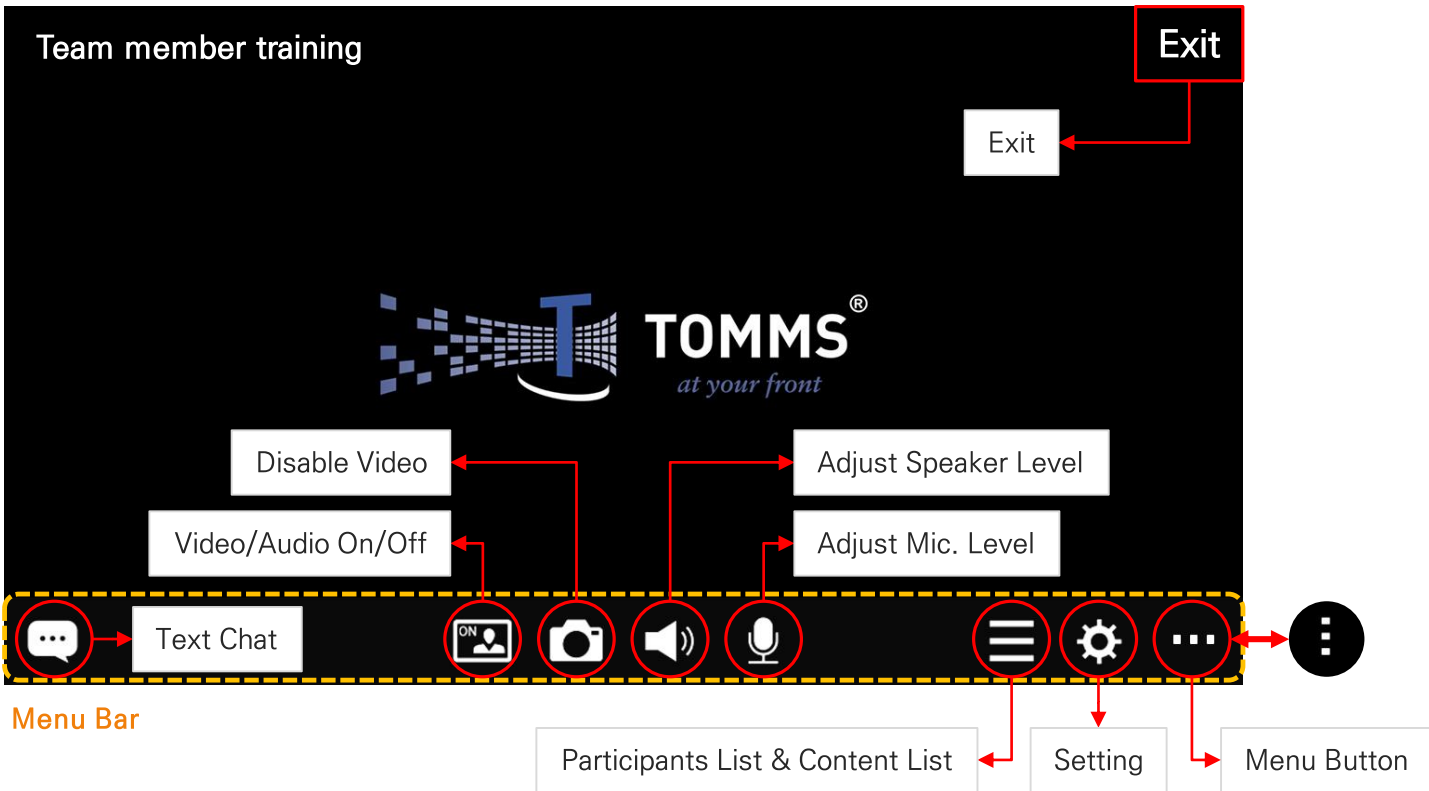
When you enter the conference room, you may find participants' video if their videos are turned on. And the participants' status notification pad pops up in turn, showing who are participating in the conference. In case that there is no other participant in the conference room or no participants' videos are turned on, TOMMS logo is only seen with participant status notification pad pops up.(if any participants exist in the room.)



Control Panel (1)

Control Panel

When you enter the conference room, you will see the conference title, exit button, product logo, and menu bar. Press Exit to exit the room and return to the conference list screen.



Menu Button

When you touch the button, the menu bar disappears to the right. Touch again to make it appear on the right.

Menu Bar

The menu bar contains several functions for controlling conference on the mobile.

Text Chat

Select the text-chat icon and a chat panel appears. You can text-chat with other participants.

Control Panel (2)

Video/Audio On/Off (Video Transmission On/Off)

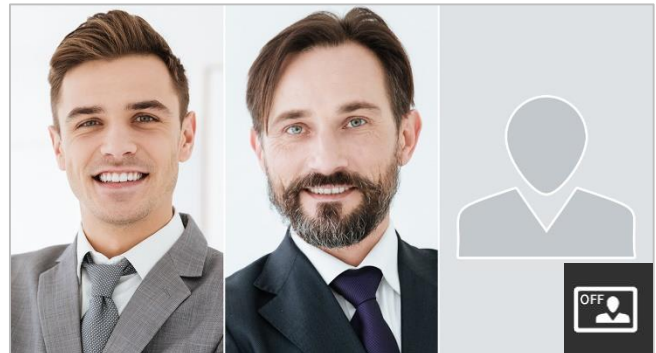


When the conference host turns on the video or opens a conference (opened on a PC), the participant can turn on his or her own video and audio when the [Turn on My Video] option is selected. When you touch [ON / OFF] button on the menu bar, your video will be turned on and video and sound will start to be sent to other participants.

Hint) When [Open My Video] is not selected in the other settings when opening a conference, if you touch "Turn on My Video", the host / presenter will be requested to turn on the video.



Video Transmission On



Video Transmission Off

Disable Video ON/OFF



If you select the button, the button changes to [Video Transmission Block] and my video screen is displayed as an avatar image instead of my video. You can switch the video transmission on by pressing the button again.

Adjust Speaker Level



If you touch [Speaker Volume / Mute] button on the menu bar, speaker volume control bar appears and you can touch the mute button to mute the speaker sound, or adjust the speaker volume by moving the volume control bar left or right.

Adjust Mic. Level



If you touch [Mic Volume / Mute] button on the menu bar, a microphone volume control bar will appear. You can touch the mute button to mute the microphone or adjust the volume of the microphone by moving the volume control bar to the left or right.

Participants List & Content List

You can see a list of content to share. Host/Presenter can upload and share images from their smartphone, or create and share whiteboards.

From the Participant List, you can view the status of the participant ' IDs and permissions that are attending the conference, and you can also import permissions based on conference settings.

Setting

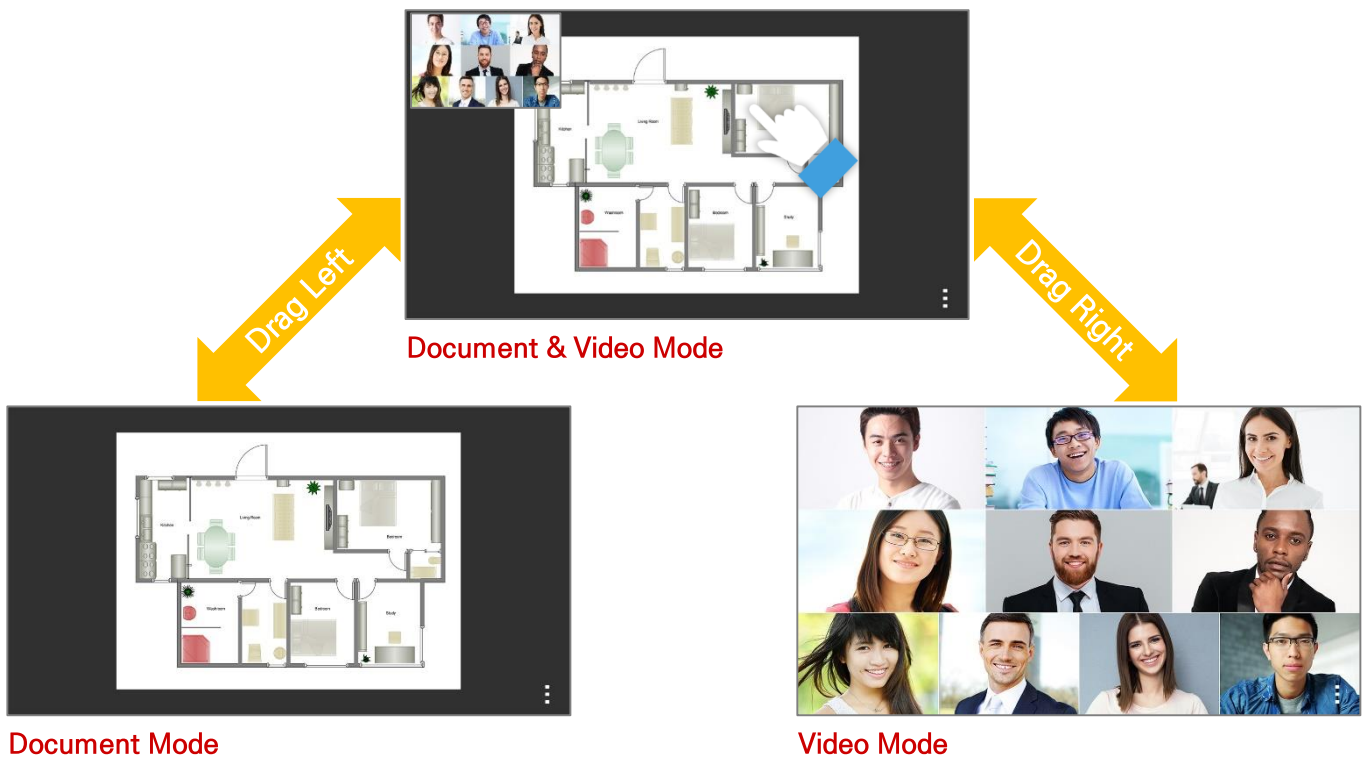
Host/Presenter can select the number of video, adjust the resolution, and select the front and rear cameras. Host/Presenter can select the entire mute and voice conference.

Screen Layout (1)

TOMMS Mobile basically provides 3 screen layout modes such as document & video, document and video mode. It also allows to shrink, enlarge and move both document and video, depending on the conference situation.

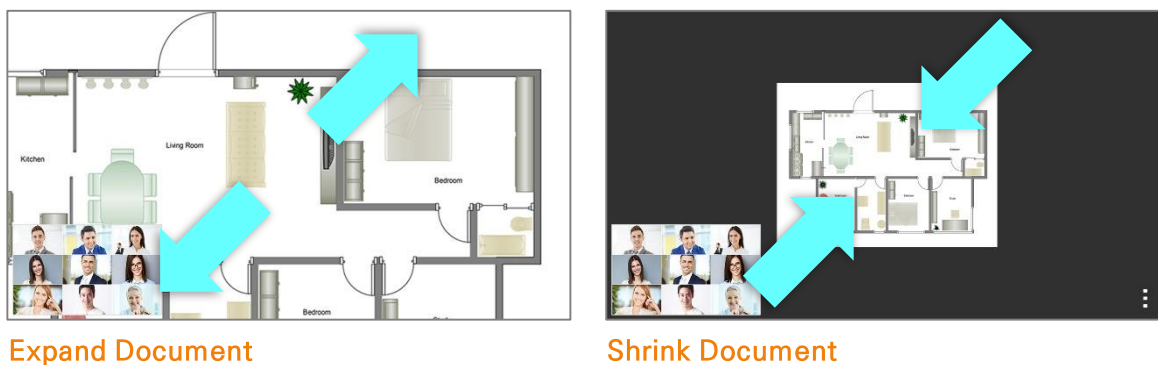
Change Screen Mode

When document including image and whiteboard starts to be shared, screen mode is automatically switched to document & video mode with participant videos shrunk and relocated at the bottom right corner of the screen. To change the screen mode, drag left or right on the screen, using a finger.



Expand and Shrink Document

You can expand or shrink a document you are sharing.



Screen Layout (2)

Move Video

Place one finger on the video. Keep pushing it until the red border appears around the video and then drag it to the desired direction.



Change Video Layout

Video layout change is allowed only to a host/presenter on PC. In order to change the video layout, swipe up or down the video screen and video layout changes in turns.

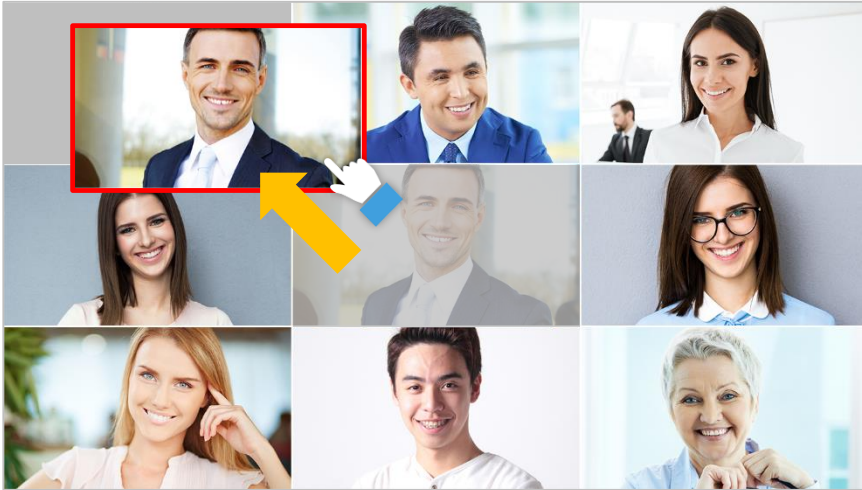


- Speaker Only Mode
- ↓
- Polygonal Mode
- ↓
- Speaker-centric Mode
- ↓
- Grid Mode
- ↓
- One-to-One Report Mode

Screen Layout (3)

Video Switching

By default, the videos of participants are listed in order of entry to the conference. To change the position of the participant image, you can drag and drop the image while holding it pressed.



Video Layout

You can change the video layout according to the number of video on your PC and it can also be applied to mobile. Please refer to the manual for your PC for the video layout

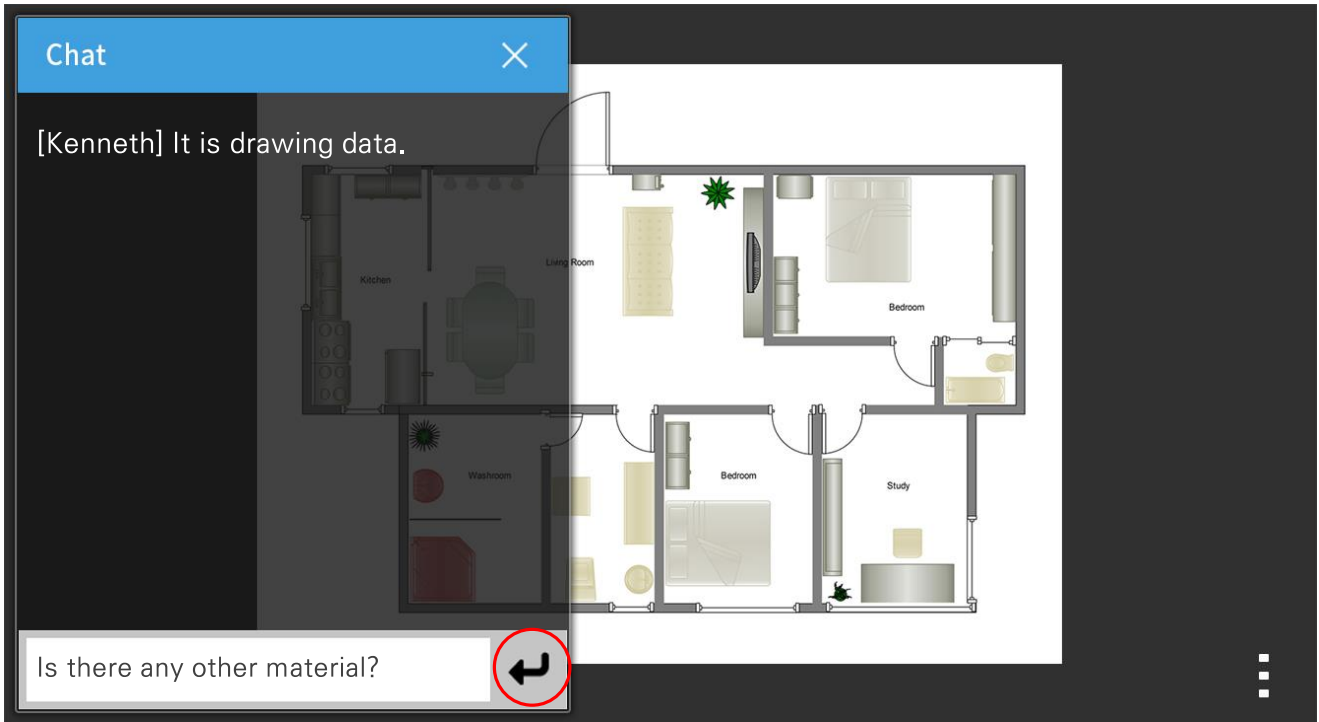


Text Chat

Regardless of devices, all participants can text chat one another.

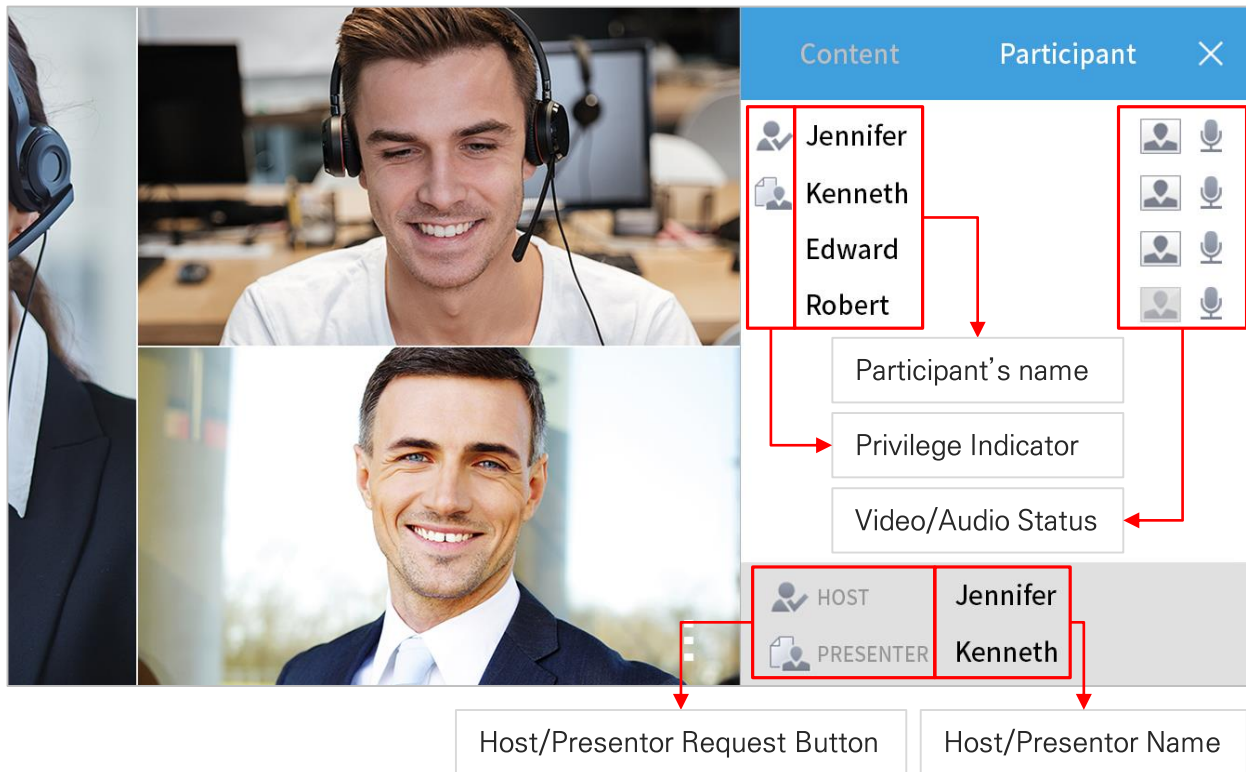


When you press the chat button on the menu bar, a translucent chat window appears. You can enter characters by tapping the chat input window. You can send text by pressing the [Send] button.



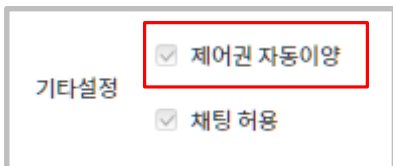
TOMMS MOBILE App
Participant List

Participants' names and status in the conference room can be viewed.



- HOST
- PRESENTER
- General Participant
- Camera turned on
- Camera turned off
- Microphone turned off
- Microphone

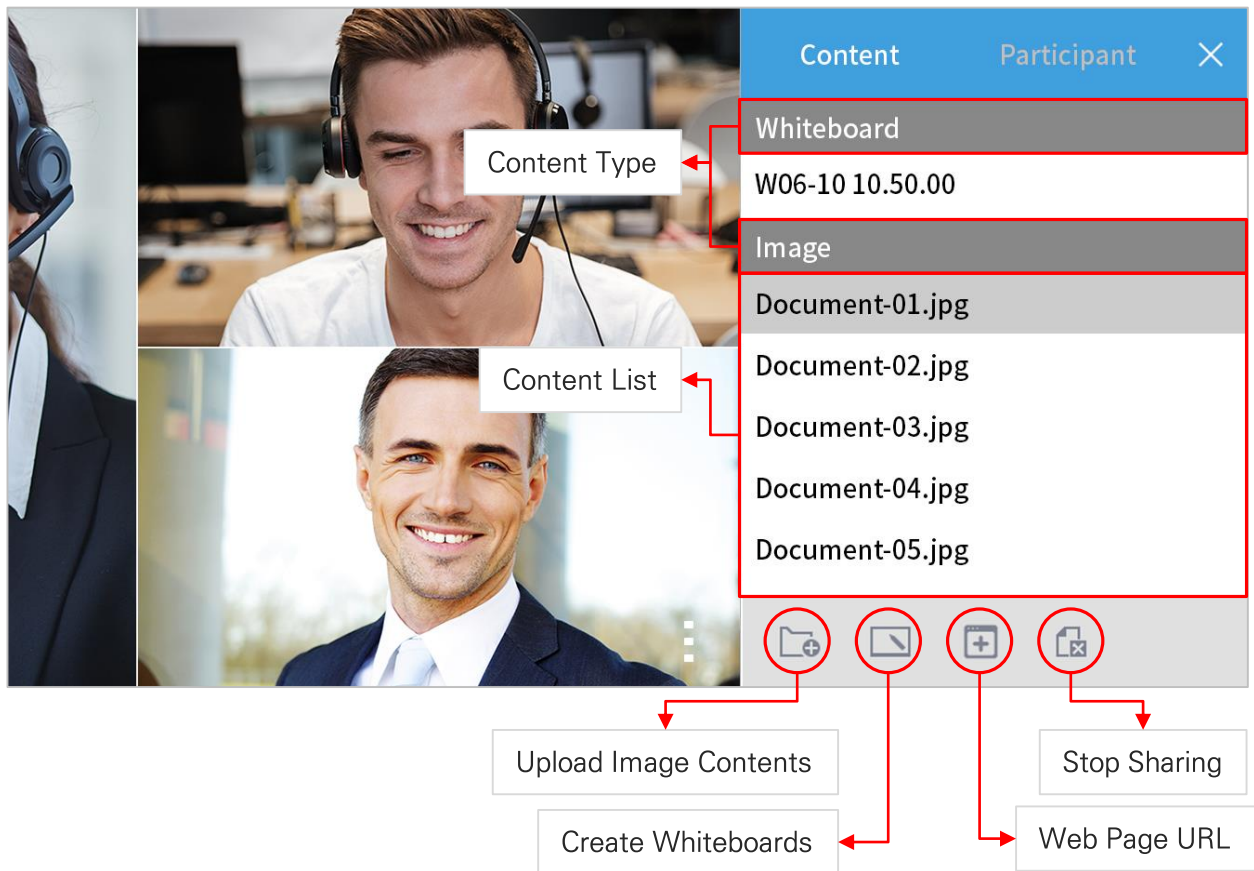
Host/Presenter Request Button



When 'Host on request' option is selected in conference information of TOMMS web, mobile participants may take THE HOST/PRESENTER privilege by selecting Host Request Button or Presenter Request Button.

Content List

Content items such as documents, images and whiteboards can be viewed in the list panel. If you have a host/presenter privilege, you can upload, share and delete contents on the content list panel.



Upload Image Contents	Register the image file on the smartphone to the content list.
Create Whiteboards	Create and register a whiteboard.
Web Page URL	You can register and share web pages.

Content List

You can scroll the contents list up and down to view the list.

How To Share Contents

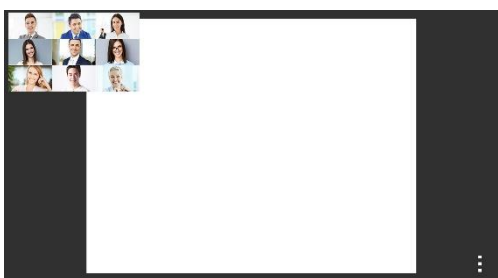
Participants with a host/presenter privilege can upload image contents or create whiteboards from their mobile devices and share them with other conference participants.



Image sharing

Upload image contents

Select the [Image] icon below the content list and image gallery appear. Select an image to upload and participants can view it in the content list.



Whiteboard sharing

Create whiteboards

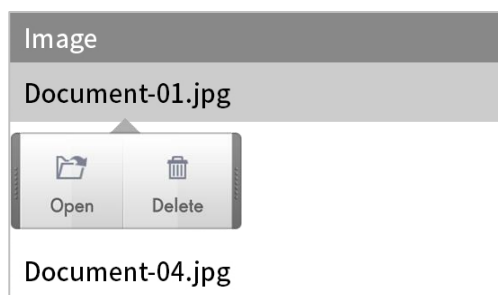
Select the [Whiteboard] icon below the content list and a whiteboard will be created in the list. Participants with annotation privilege can draw and share with other participants.



Web page sharing

Web Page URL

Type a web page address(URL) into the URL field. Click on [Preview] button and a web page is displayed for confirmation. When sharing a web page, a separate navigation bar is created at the bottom of the screen. You can refresh the previous page, next page, and page through the navigation bar.



Share and delete contents

Select the content item from the list and a pad with share/delete icons shows up. You can share or delete the content items by selecting the icons.

Select the [Open] to show the content item on the screen for share.

Select the [Delete] to removes the selected content item from the list.

Stop sharing contents

Content sharing stops and the Document Mode exits and switches to Video Mode.

Annotation

When you want to make annotation on the content from the mobile devices, annotation privilege can be granted only by a host/presenter on the PC. To request a host/presenter to allow annotation, follow through the procedure below.

- ① Tap twice on the content screen to request annotation privilege.



- ② When following message pad appears, select [Ok] button to make request for annotation privilege. A host/presenter receives annotation request message on PC and accepts it. When a host/presenter accepts the request, following message shows up on your mobile device.

- ③ Now tap twice on the content screen. A message notifies that you can start annotating.

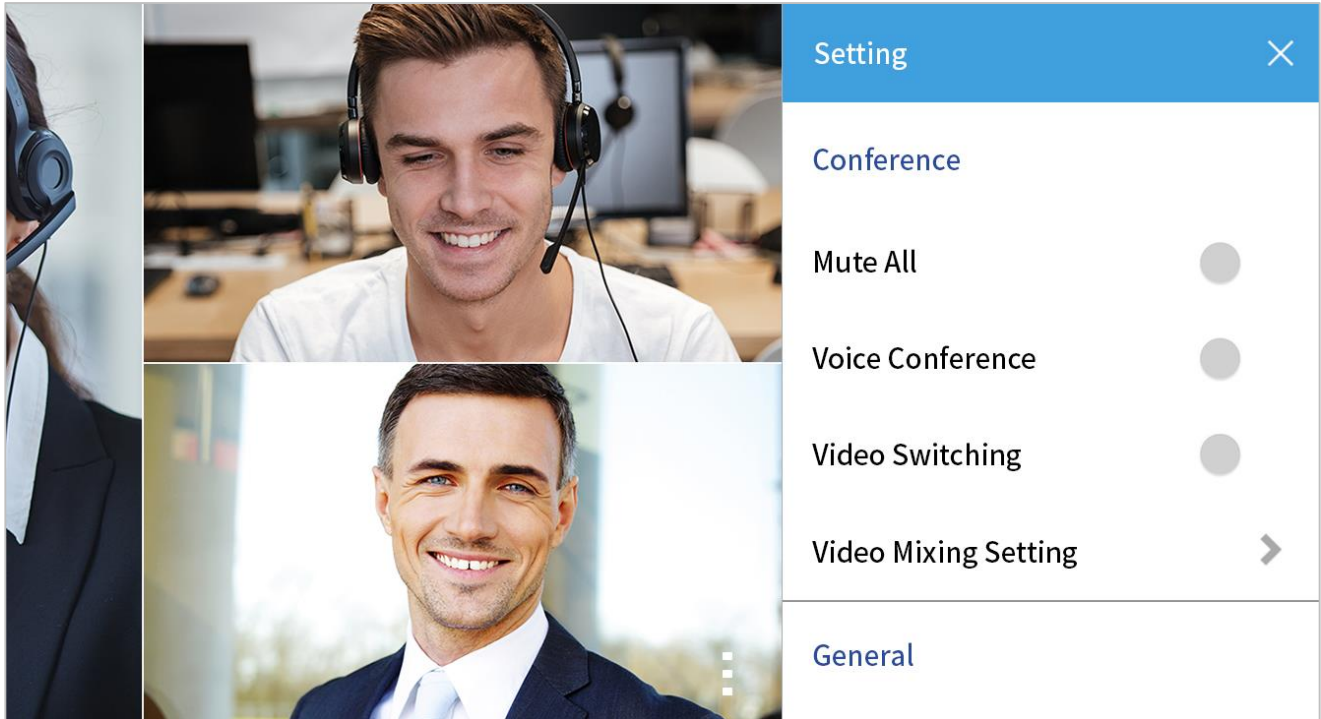
- ④ Tap twice again and you can see the annotation tool box. Select the tool as desired.

Pointer			Pen	Pointer	Indicate specific location on the content.	
Color					Freehand Line	Draw freehand line or curve as mouse is moved.
Thickness					Color	Select the color of drawing tools.
모두 지우기				Thickness	Select the line thickness of drawing tools.	
그리기 모드 종료				Delete All	You can erase all annotations/drawings on the content.	
				End annotation mode	End annotation mode	

- ⑤ When you select [End annotation mode], the tool box disappears and you are not able to annotate until you tap twice on the content screen..

Setting (1)

Touch the Settings button on the menu bar to adjust mute, audio conferencing, picture settings, and camera settings during a conference.



Mute All

Host/presenter only can use it. Tap the [Mute All] button to mute all participant microphones except a host/presenter.



When [Mute All] is enabled, Mute icon is seen on top right corner of all participant screens except host/presenter's screen.



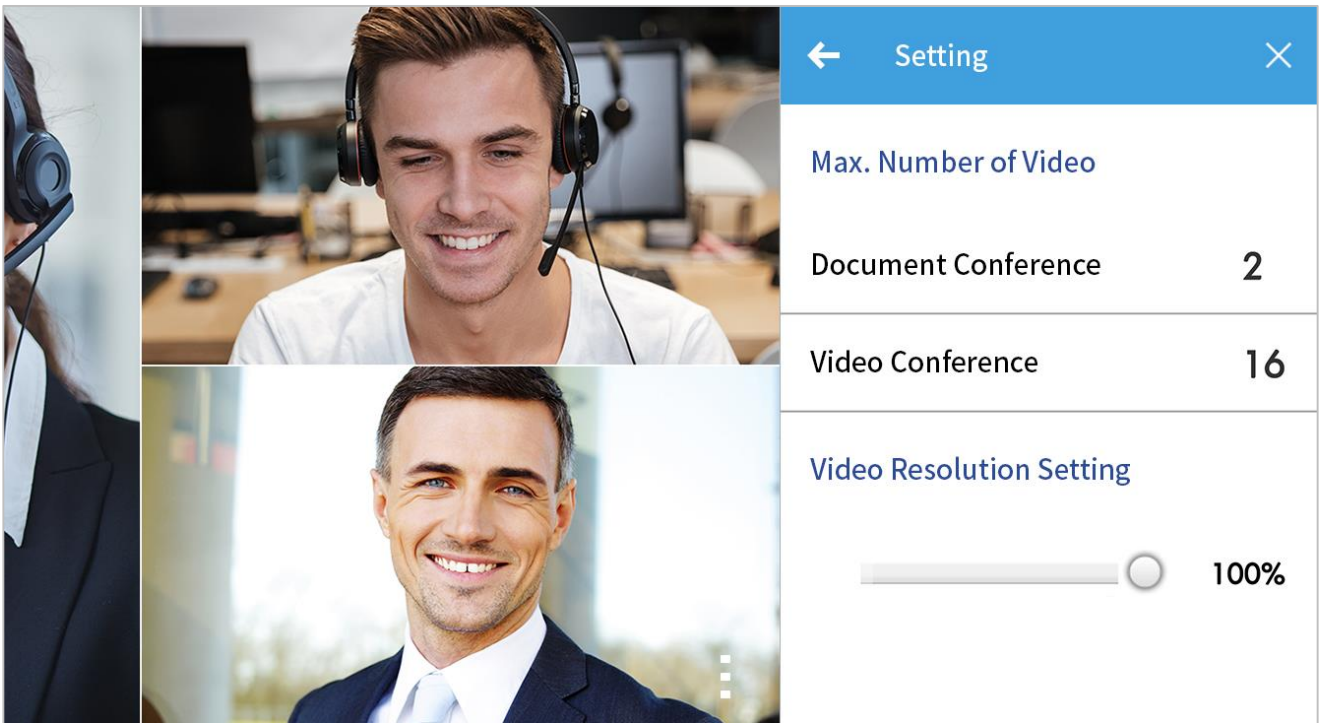
Voice Conference

Video is not allowed when selected. Voice is only available for the conference. It is useful in case that overall network is in bad condition.

Front camera

When it is selected, front camera becomes active while rear camera is active when unselected. Any participants can use it.

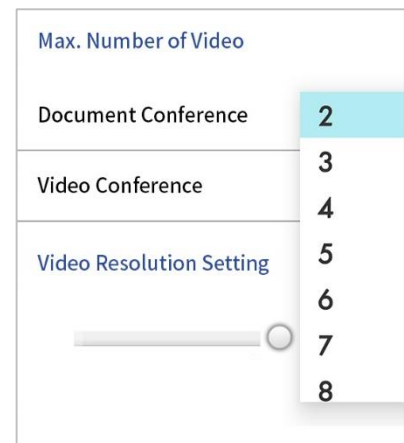
Setting (2)



Mixed Video Setting

– Max. Number of Video

Host/presenter can set the maximum number of participant videos seen during the conference. The number can be set for document and video conferences separately. Choose the number from each select box.



– Video Resolution Setting

Host/presenter can adjust video resolution rate. The rate affects participant video quality. Drag left or right to determine resolution rate (%). The higher value is set, the better video quality is.



Thank you for using
TOMMS_{VR}