



UNIVERGE BLUE® CONNECT ROOMS

EQUIPMENT SIZING AND LAYOUT GUIDE

UNIVERGE BLUE CONNECT ROOMS is compatible with most cameras, speakers, and microphones, giving you the freedom to choose the perfect components for your meeting space. The following Equipment Sizing and Layout Guide for CONNECT ROOMS will help you choose the right hardware associated with your CONNECT ROOM based on size of the room, and other factors. It's important to ensure you have the right video and audio hardware so everyone in the meeting can be seen, heard, and included.

Room Type	Max Room Dimensions (Feet)	Max Number of people	Display Size	Camera Field of View
Small	15 x 15 ft.	7	55"	120° +
Medium	15 x 20 ft.	11	65"	120°
Large	20 x 35 ft.	20	75"	90° +AF ¹ /ST ²

1. Auto Focus 2. Speaker Tracking

Factors to consider when sizing a room for video conferencing equipment:

- > Room size
- > Number of seats (people)
- > Range of microphone
- > Camera field of view





AUDIO/VIDEO RECOMMENDATIONS

Microphones

To enhance microphone sound quality, we recommend using microphone arrays and placing them on a table in such a way that each person would have one microphone array within arm's length distance.

General recommendation for the total number of microphone arrays is as follows:

- 1-5 people: 1 microphone array
- 6-10 people: 2 microphone arrays
- 11+ people: +1 microphone array for every additional 6 people

Videocam

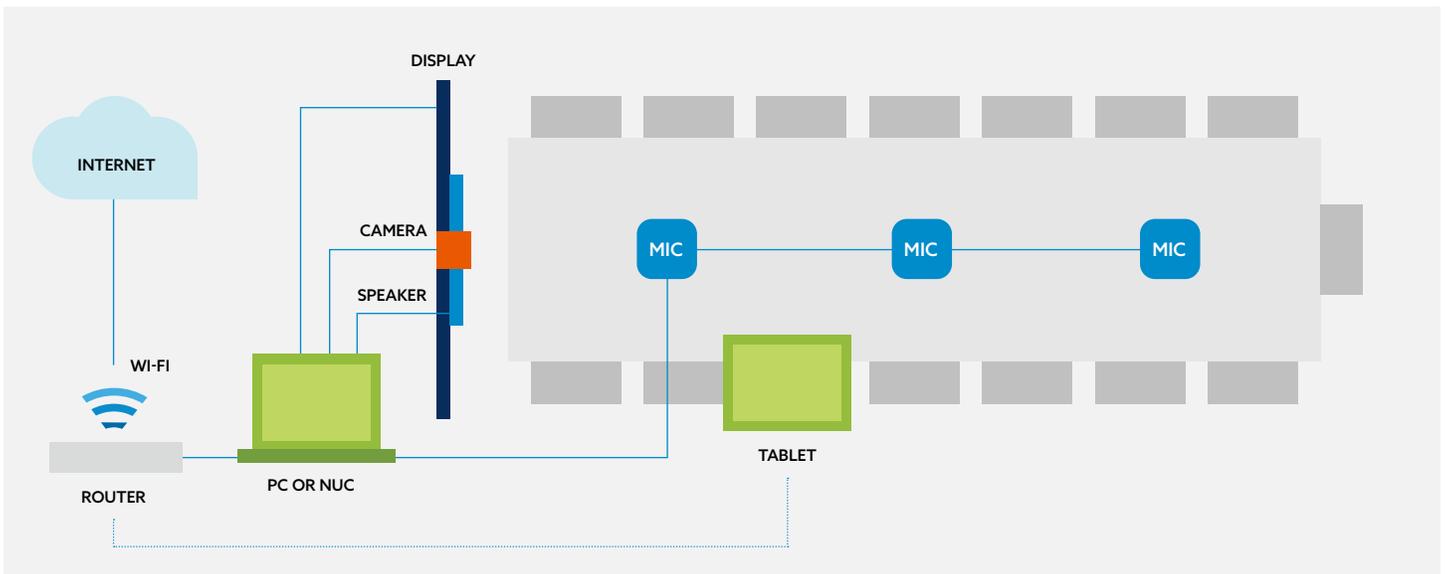
Make sure to use cameras with a wide enough field of view to capture every participant in the room.

Speakers

For rooms over 20 feet long, we recommend a minimum of two speakers so that all people in the room can hear the sounds properly.

ROOM SET-UP DIAGRAM

CONNECT ROOMS allows users to start meetings in one click from office spaces. Users manage meetings and access all meeting functionality from the tablet in the room. This is a visual representation of how a conference room would be set up for CONNECT ROOMS using the equipment recommended in this guide.

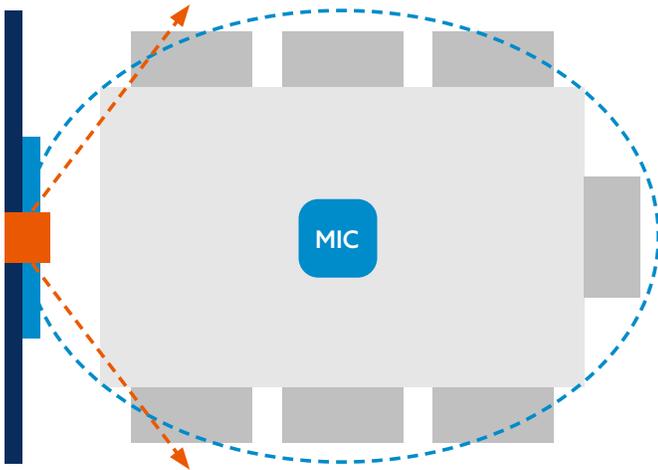


UNIVERGE BLUE® CONNECT ROOMS



SMALL SIZE ROOM DIMENSIONS (15 x 15 ft.)

- MIC PICKUP RANGE
- CAMERA FIELD OF VIEW



NUC

- > Windows® 10 (Pro/Enterprise)
- > Quad-core Intel® Core i5
- > 8GB RAM
- > 128GB SSD

Tablet

- > Android™ 8.0+
- > 8"+ display
- > 1280x800 resolution
- > Angle adjustable bracket

Display Size

- > 55"

All-in-One Videobar

- > Pan-Tilt-Zoom (PTZ)
- > 1080p
- > 120°+ FOV²
- > Auto Focus/Speaker Tracking

or

- > Videocam (PTZ¹, 1080p, 90°+ FOV², AF³/ST⁴)
- > 1-2 Microphone Arrays (with 10-13 ft. pickup range)
- > Speaker

1. Pan-Tilt-Zoom 2. Field of View 3. Auto Focus 4. Speaker Tracking



UNIVERGE BLUE[®]

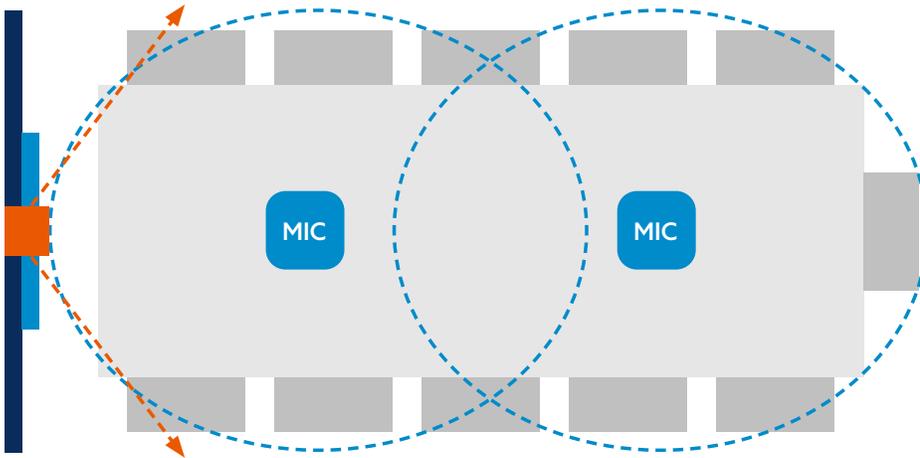
CONNECT ROOMS



MEDIUM SIZE ROOM

DIMENSIONS (20 x 15 ft.)

- MIC PICKUP RANGE
- CAMERA FIELD OF VIEW



NUC

- > Windows[®] 10 (Pro/Enterprise)
- > Quad-core Intel[®] Core i5
- > 8GB RAM
- > 128GB SSD

All-in-One Videobar

- > Pan-Tilt-Zoom (PTZ)
- > 1080p
- > 110°+ FOV²
- > Auto Focus/Speaker Tracking

Tablet

- > Android[™] 8.0+
- > 8"+ display
- > 1280x800 resolution
- > Angle adjustable bracket

or

- > Videocam (PTZ¹, 1080p, 90°+ FOV², AF³/ST⁴)
- > 2-3 Microphone Arrays (with 10-13 ft. pickup range)
- > Speaker

Display Size

- > 65"

1. Pan-Tilt-Zoom 2. Field of View 3. Auto Focus 4. Speaker Tracking

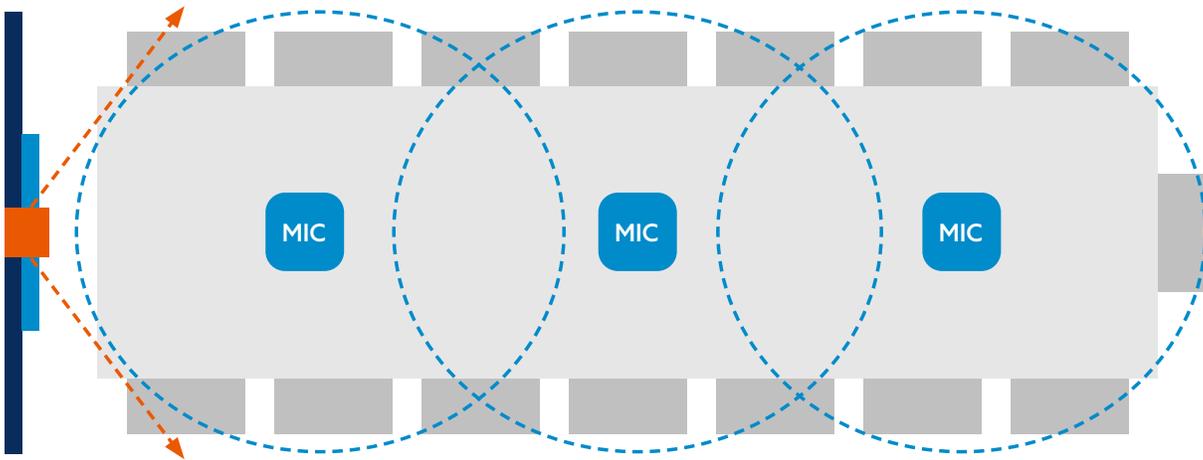


UNIVERGE BLUE® CONNECT ROOMS



LARGE SIZE ROOM DIMENSIONS (35 x 20 ft.)

- MIC PICKUP RANGE
- CAMERA FIELD OF VIEW



NUC

- > Windows® 10 (Pro/Enterprise)
- > Quad-core Intel® Core i5
- > 8GB RAM
- > 128GB SSD

Tablet

- > Android™ 8.0+
- > 8"+ display
- > 1280x800 resolution
- > Angle adjustable bracket

Videocam

- > Pan-Tilt-Zoom (PTZ)
- > 1080p
- > 90°+ FOV¹
- > Auto Focus/Speaker Tracking
- > 3+ Microphone Arrays (with 10-13 ft. pickup range)
- > Speaker (multiple)

Display Size

- > 75"

1. Field of View

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