

iCam VB60

All-In-One Conference Video Bar



HD Image



Ultra Wide-Angle



AI Smart Framing



Daisy-Chain with iSpeaker M500



All-in-One Collaboration



Plug & Play



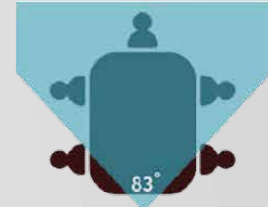
iCam VB60 is the next-generation video conferencing all-in-one device designed by INFOBIT AV. The product is featured with 135° horizontal ultra-wide-angle, 12 mega-pixel CMOS image sensor, 4K ultra-clear video calls, as well as auditory localization, voice tracking, face detection, etc. that provide users an elegant and high-quality video conferencing experience.

The built-in 5-element omnidirectional microphone array and customized wideband speaker, combined with the latest algorithms, enable flawless full-duplex two-way communication within 5 meters range.

iCam VB60 integrates the conference camera, microphones and speaker unit, so you can wipe away the messy cables and keep your conference space neat and organized. You can even daisy-chain iCam VB60 with iSpeaker M500 for large, medium, and small meeting rooms.

135° Horizontal Ultra Wide-angle

iCam VB60 has a 135° horizontal ultra-wide-angle camera with a larger wide-angle than the most traditional 83-degree lens on the market with no image distortion. All conference participants can be captured and seen easily with the camera range covering every corner of the meeting room. Thanks to the 12 mega-pixel CMOS image sensor that enables 4K ultra-clear video calls, all details are vivid, and it feels just like an in-person meeting.



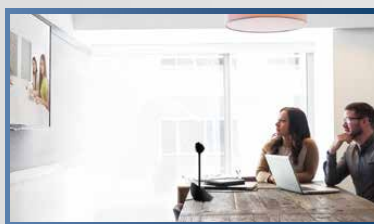
Average in-room camera



iCam VB60

Real-time Speaker Tracking, Automatic Framing

The built-in chip in iCam VB60 integrates multiple cutting-edge technologies, including face detection, auditory localization, voice tracking, etc. It can identify and track conference speakers with the latest CNN neural network AI technology and automatically zoom in to frame the best view accordingly.



Auto-detects people in room

Auto Framing



Selects best framing



Detects person speaking

Speaker Tracking



Selects best framing for speaker



Auto-detects people in room

Close-up View/ Smart Gallery



Split and show in smart gallery

AI Noise-Cancellation

iCam VB60 adopts an AI model trained by thousands of hours of conference audio records. It can effectively suppress various conference room background noises, such as mouse/keyboard tapping, computer, and air-conditioner. With the AI algorithm's help, this product can minimize most indoor noise while retaining the clarity of people's voices and nature to ensure the participants' great concentrated attention.



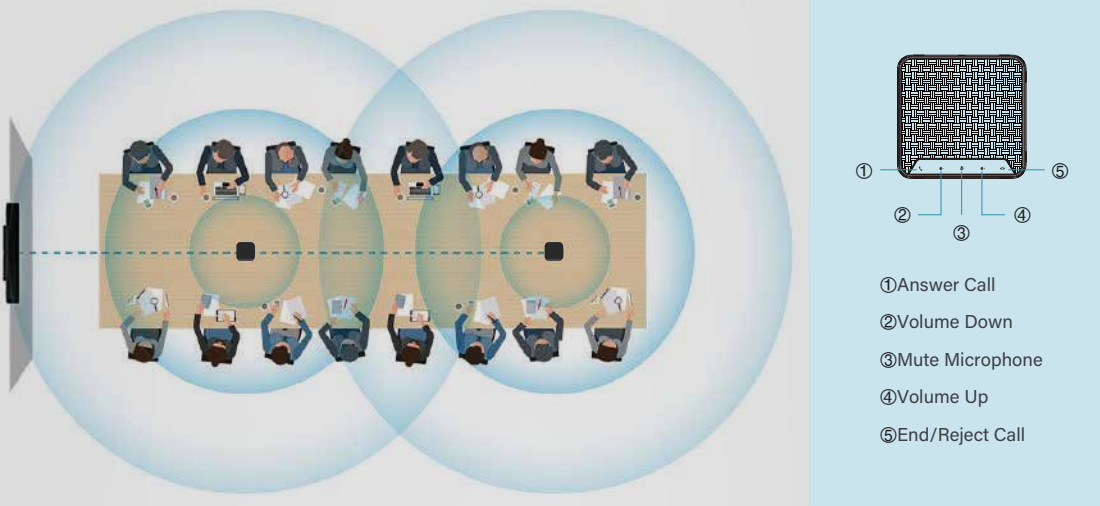
Full-Duplex Communication Within 5 Meters Range

iCam VB60 adopts an 5-element omnidirectional microphone array and customized HD speaker unit, with patented powerful algorithms, enables smart AGC and clear voice pickup with within 5 meters' range. Full-duplex technology ensures continuous, and HD conference calls.



Daisy-Chain to iSpeaker M500s to Expand Conference Spaces

iCam VB60 works in conference rooms of various sizes, including small, medium, and large ones. By daisy-chaining up to 4 iSpeaker M500s, now everyone in a relatively ample conference space, including up to 100 participants, can be heard clearly. Moreover, with the buttons on any iSpeaker M500s within the daisy-chain network, users can control the whole network, including answering calls, rejecting calls, muting microphones, and modifying speaker volume.



All-in-One Collaboration, Stay Away from Mess

iCam VB60 integrates a conference camera, microphone, and speaker into one device with plug & play simplified setup. With only 2 cables, you can enjoy a neat and organized conference room, without reformation nor fussy deployment.



iCam VB60 Technical Specification

Audio

5-element Omnidirectional Microphone Array
5-Meter Voice Pickup Range
Background Noise Suppression
Full Duplex Communication
Echo Suppression & Echo Cancellation
Speaker Tracking
Auto Gain Control

Image

Self-Adaptive Skin Toning
Wide Range Dynamic Lens Distortion Correction
Anti-Flickering
Real-time Scaling and De-warping
Human Figure Recognition
Automatic Lossless Scaling

Camera

f/2.5 aperture
4K Video Output
Horizontal FOV 135°
Vertical FOV 100°
Automatic White Balance and Exposure
2.7mm Fixed focus

Video

HD 1080p@30fps
4K@30fps
16:9 Aspect Ratio
Lossless Digital Focus
Digital PTZ
UVC 1.1/1.5 Compatible
H.264/YUV/MJPEG over USB 3.0
MJPEG and H264 over USB 2.0

Speaker

Peak Power: 16W
Actual Power: 8W for Music Playback
8W for Audio Communication
Acoustic Fencing
Speaker Frequency Response: 80Hz~20kHz
Speaker Volume: 82dB SPL @1kHz at 0.5m

Features

135° Horizontal Ultra Wide-Angle
Speaker Tracking
Automatic Group Framing
Customized HD Speaker
Full Duplex Communication
Microphone Array

Configuration Requirements

PC w/ Windows or Linux, Mac with USB Connection

Mechanical

Dimensions : 570mm x 81mm x 77mm
Weight : 1500g (Desktop Stand Included), 250g
Color : Metal Black
Connectivity : USB 3.0, USB 2.0
Input/Output : DC Adaptor Power Supply Data Transmission over USB Type-C
Structure Material : ABS,PC