

iCam 100

All-In-One Conference Camera w/ 360° speaker



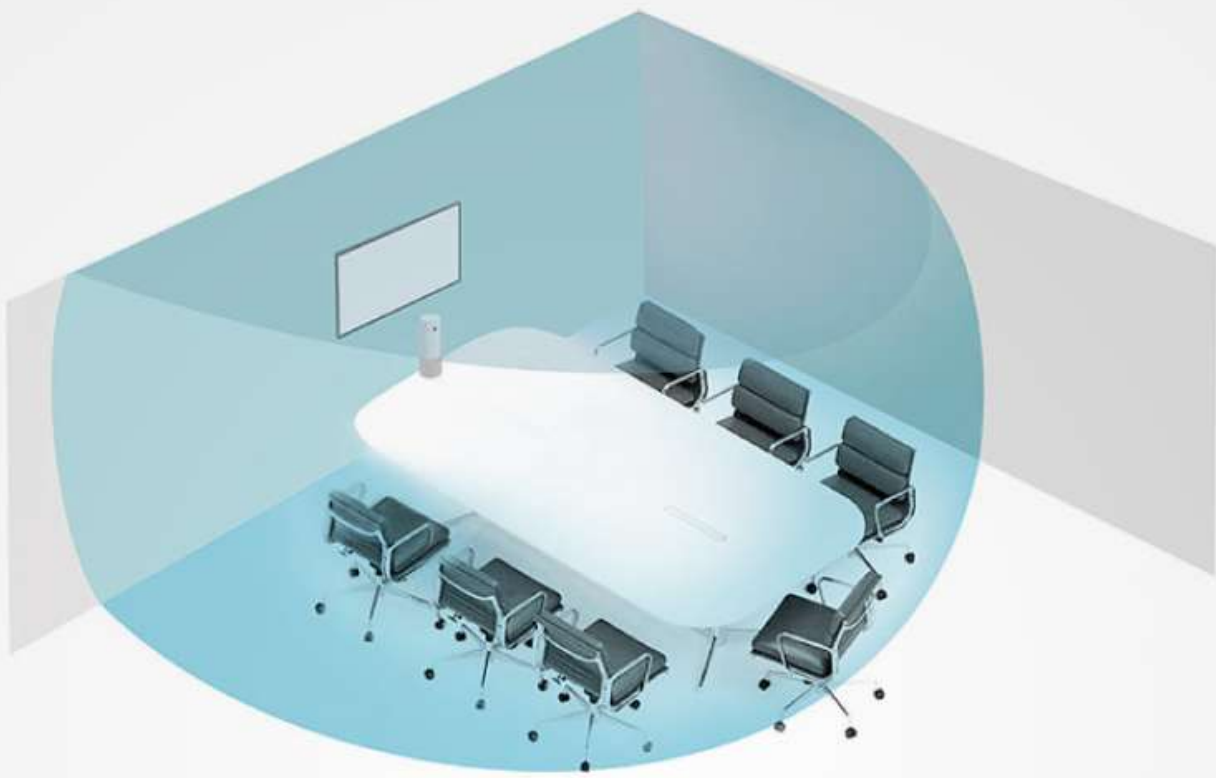
- Omnidirectional 4 microphones array algorithm, 5-meter far-field clear voice pickup
- Exclusive AI noise-suppression technology, significantly increase the concentration of conference participants
- Real full-duplex, HQ uninterrupted communication
- 100° full HD wide-angle camera, in-person conference experience
- Plug & play, general compatibility with leading online conference platforms
- Audio & video all-in-one, intuitive control experience



Full duplex technology, uninterrupted call



Long distance sound pickup 360° full coverage



Using omnidirectional 4-mic array algorithm, the distance of picking up is up to 5 meters.

100° wide angle capture

100° wide angle capture, without distortion lens. 1080P Full HD video conference.



AI Noise Suppression

The AI powered Noise Suppression and Echo Cancellation to extract clean and clear human voices and automatically amplify.



Suitable for meeting room

Others

Short pickup distance
Lower picture quality
Unsightly cables and adaptors

This illustration shows a meeting room with several people around a table. Multiple microphones and cameras are scattered on the table, with red circles highlighting the clutter. A large red 'X' is in the bottom right corner.

VS

iCam 100

Long pickup distance
Higher picture quality
Less equipment

This illustration shows the same meeting room but with a single, sleek iCam 100 device on the table. A large green checkmark is in the bottom right corner.

Suitable for Home office

Others

Fatigue, ear pain and discomfort

This illustration shows a person at a desk wearing a headset. Multiple microphones and cameras are cluttered on the desk, with red circles highlighting the mess. A large red 'X' is in the bottom right corner.

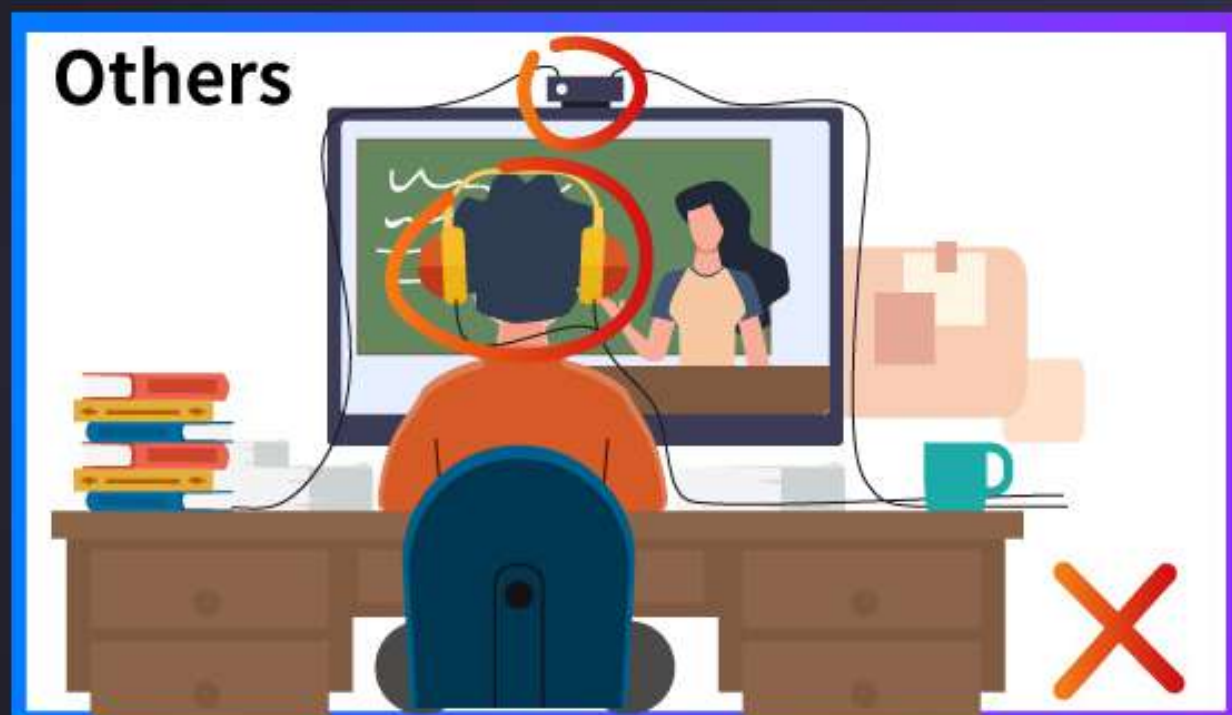
VS

iCam 100

Tidy, free and pleasant office

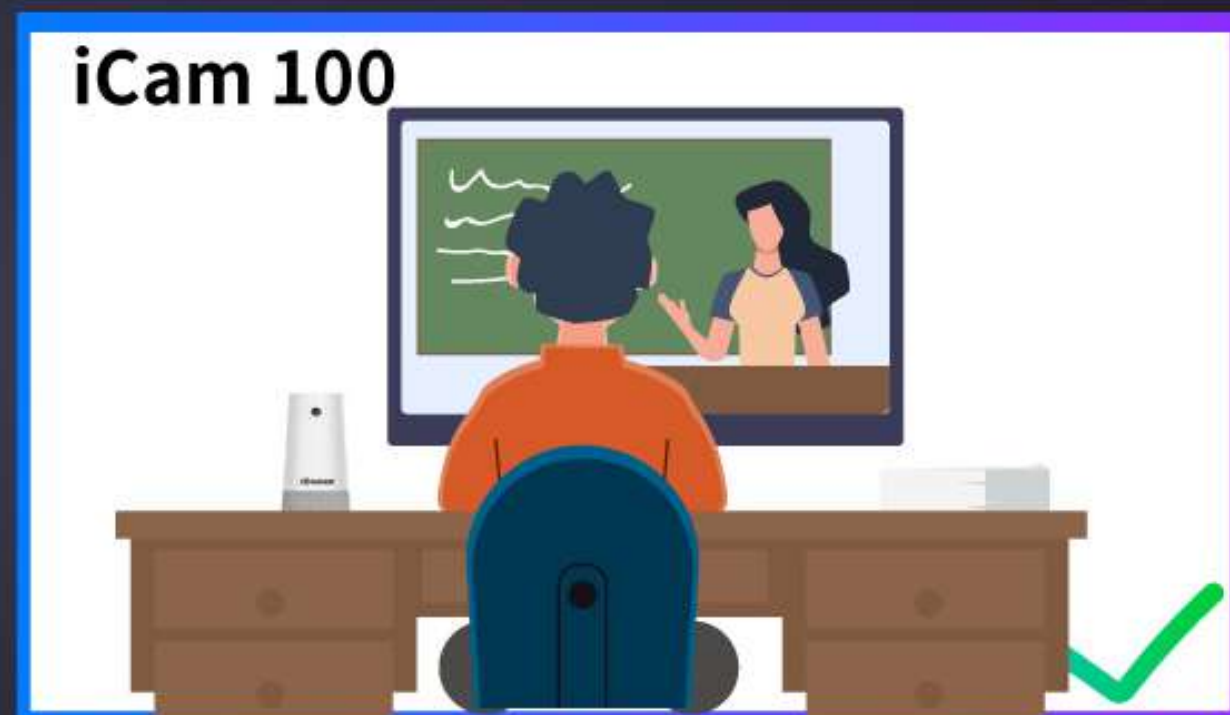
This illustration shows the same person at the desk, but with a single, sleek iCam 100 device. A large green checkmark is in the bottom right corner.

Suitable for distance learning



Harm to children's eardrum

VS



More comfort, more concentrated

Datasheet

| Model | iCam 100 |
|---|-----------------------|
| Wide-Angle Camera | 100° Ultra Wide-Angle |
| Non-Distortion | Supported |
| High-Quality Wideband Speaker | Supported |
| Clear Uninterrupted Full-Duplex Communication | Supported |

| Image Spec | |
|----------------------------|-----------|
| Self-Adaptive Skin Toning | Supported |
| Lens Distortion Correction | Supported |
| Anti-Flickering | Supported |
| Automatic Exposure | Supported |
| Automatic White Balance | Supported |
| 3D Denoise | Supported |

| Camera Specs | |
|---------------|--------------------|
| Aperture | F / 2.4 |
| Pixel | 2MP |
| Image | 1080P Video Output |
| FOV(H) | 100° |
| FOV(V) | 62° |
| TV Distortion | < 1% |

| Video Specs | |
|----------------------|-----------------|
| WDR | Supported |
| Video Output | FHD 1080P@30fps |
| Aspect Ratio | 16 : 9 |
| UVC Compatibility | 1.1 / 1.5 |
| USB 2.0 Transmission | MJPEG and H.264 |

| Installation Method | |
|---------------------|-----------|
| Desktop | Supported |

| Appearance Color | |
|------------------|-----------|
| White | Supported |

| Input / Output | |
|-----------------------------------|-----------|
| USB Power Supply | 5V/500mA |
| Data Transmission over USB Type-C | Supported |
| USB 2.0 | Supported |

| Weight | |
|--------------|-------|
| Net Weight | 618g |
| Gross Weight | 1260g |

| Audio Specs | |
|--------------------------------------|---|
| Maximum Background Noise Suppression | 24dB |
| Full-Duplex | When the gap of acoustic intensity between the near-end and far-end is less than 50dB |
| Echo-Cancellation | Echo Cancellation ≥ 30 dB |
| AGC | Automatic Gain Control *Within 5-Meter Range |
| Reverberation Suppression | RT60<1s |
| AI-based Speaker Detection | Supported |
| AI-based Noise-Suppression | Supported |

| Microphone Specs | |
|------------------------------|---|
| Microphones | 4-Element MEMS Microphone, 360° Omnidirectional Array |
| Sensitivity | -32dB FS94dB SPL@1KHZ |
| SNR | 64dBA |
| Effective Voice Pickup Range | 5 Meters (In conference rooms with low SNR, the actual voice pickup radius can be 5 meters or less) |

| Speaker Specs | |
|----------------------------|----------------------------|
| Peak Power | 5W |
| Rated Output Power | 3W |
| Speaker Frequency Response | 20Hz ~20kHz |
| Speaker Volume | 90dB SPL @0dB 1kHz at 0.5m |
| THD | $\leq 1\%$ |

| Configuration Requirements | |
|---|-----------|
| PC Windows or Linux, Mac OS with USB Connection | Supported |

| Dimensions | |
|--------------------|----------------------------|
| Product Dimensions | 270mm(H)*110mm(Φ) |
| Package Dimensions | 335mm(L)*145mm(W)*125mm(H) |



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