



## YCHAIN DCS2366W

### USB High-sensitivity Array Microphone

**YCHAIN DCS2366W** is a high-sensitivity array microphone and speaker video conferencing device that supports HD audio. It's easy to install and operate, suitable for various applications such as daily corporate meetings, remote education and training, video streaming, telemedicine, remote teaching, and more. HD conference audio ensures no omission of any valid sound. By utilizing third-generation HD audio algorithms, the device significantly enhances the quality of conference calls

1. Array microphone algorithm samples and processes the spatial characteristics of the sound field, effectively eliminating environmental background noise and retaining only the necessary sound waves. This results in clear and noise-free conference voices even in noisy environments.
2. 360-degree sound pickup with a maximum range of up to 5 meters and minimal volume and quality reduction within 3 meters.
3. Upstream audio sampling rate of 48kHz and downstream audio sampling rate of 48kHz.
4. Improved full-duplex communication, eliminating communication lags in both directions.
5. Maximum instantaneous speaker output of 92dB (at 0.5m).



## Product Specifications

### Components:

- Omnidirectional Microphone: Includes wideband speaker, digital microphone, echo and noise suppression processing unit, audio signal processing and functional control unit, USB hub interface control unit, indicator light module.
- USB Wireless Dongle
- Power Adapter

### Interface:

- USB Type-A

### Functionality:

- Supports real-time computer software communication audio

### Speaker:

- Unit: 4 ohms, 5W
- Frequency response: 100Hz~24KHz
- Echo cancellation: 384ms
- Intelligent dynamic noise reduction

### LED Indicator Lights:

- Steady white circular indicator light: Normal operation

- Steady red circular indicator light: Microphone muted

### Microphone:

- Three omnidirectional microphones
- Audio bandwidth: 100-16000Hz
- Sensitivity: -38 dB, 94dB SPL@1KHz
- Signal-to-noise ratio: 65dB, 94dB SPL@1KHz, A-weight
- Supports full-duplex voice transmission

### Computer System Requirements:

- Windows® 7, 8.1, or 10 / Mac OS X 10.7 or higher

### Environmental Requirements:

- Temperature: 5°C to 44°C
- Humidity: 20~85% (non-condensing)
- Noise level: <48db
- Storage temperature: -10°C to 55°C
- Reverberation time: <0.5 seconds

### Power:

- DC 5V/1A @ 100~240VAC, 50/60Hz

### Dimensions (Width x Height x Depth):

- 150x150x43.5 (mm)

### Built-in Battery Capacity:

- 3000mAh

