

All-In-One Video Conference Camera

Unear A30(T)

An ideal all-in-one solution for small-to-medium sized teams.



All-In-One Design



AI Noise Suppression



5-Meter Effective Voice Pickup Range



Full-Duplex Mode



Echo cancellation



Ultra Wide-Angle



HD Resolution



Unear A30T Unear A30

2MP All-In-One Video Conference Camera

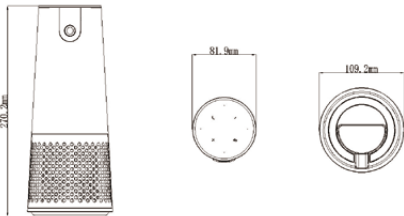
IoT-Unear A30T



Key Features

- Omnidirectional 4 microphones array algorithm, 5-meter far-field clear voice pickup
- Exclusive AI noise-suppression technology, significantly increase 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

Dimensions



Specifications

| | IoT-Unear A30T |
|---|-----------------------|
| Features | |
| Wide-Angle Camera | 100° Ultra Wide-Angle |
| 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 |

Video Specs

| | |
|-------------------|-----------------|
| Video Output | FHD 1080P@30fps |
| Aspect Ratio | 16:9 |
| UVC Compatibility | 1.1 / 1.5 |
| Coded Format | MJPEG and YUV |

Camera Specs

| | |
|---------------|---------|
| Aperture | F / 2.4 |
| Pixel | 2MP |
| FOV(H) | 100° |
| FOV(V) | 62° |
| TV Distortion | < 1% |

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 ≥30dB |
| 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 | ≤1% |

Configuration Requirements

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

Input / Output

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

Weight

| | |
|--------------|-------|
| Net Weight | 618g |
| Gross Weight | 1277g |

Dimension

| | |
|--------------------|-------------------|
| Product Dimensions | 270mm(H)*110mm(Φ) |
|--------------------|-------------------|

4MP All-In-One Video Conference Camera

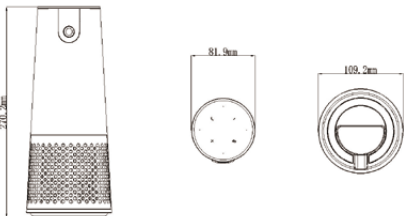
IoT-Unear A30



Key Features

- Omnidirectional 4 microphones array algorithm, 5-meter far-field clear voice pickup
- Exclusive AI noise-suppression technology, significantly increase concentration of conference participants
- Real full-duplex, HQ uninterrupted communication
- 115° wide-angle distortion less camera captures all meeting participants clearly
- Plug & play, general compatibility with leading online conference platforms
- Audio & video all-in-one, intuitive control experience

Dimensions



Specifications

| | IoT-Unear A30 |
|---|---------------------------------|
| Features | |
| Wide-Angle Camera | 115° wide-angle distortion less |
| 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 |
| Video Specs | |
| Video Output | 4MP@30fps |
| Aspect Ratio | 16:9 |
| UVC Compatibility | 1.1 / 1.5 |
| Coded Format | MJPEG and YUV |
| Camera Specs | |
| Aperture | F / 2.2 |
| Pixel | 4MP |
| FOV(H) | 115° |
| FOV(V) | 59° |
| TV Distortion | < 1% |
| 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 ≥30dB |
| 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 | ≤1% |
| Configuration Requirements | |
| PC Windows or Linux, Mac OS with USB Connection | Supported |
| Input / Output | |
| USB Power Supply | 5V/500mA |
| Data Transmission over USB Type-C | Supported |
| Weight | |
| Net Weight | 635g |
| Gross Weight | 1260g |
| Dimension | |
| Product Dimensions | 270mm(H)*110mm(Φ) |

2MP All-In-One Video Conference Camera

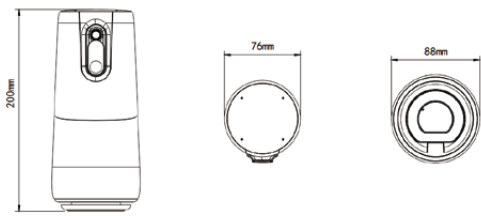
Unear A20



Key Features

- 4 Omni-directional microphones array algorithm, 5-meter far-field clear voice pickup
- Exclusive AI noise-suppression technology, real full-duplex communication
- 90° full HD wide-angle camera, in-person conference experience
- Automatic exposure/white balance, distortion correction
- Touch button, multi-color breathing status indicator
- Sliding physical privacy protection cover
- Plug & play, general compatibility with leading online conference platforms
- Audio & video all-in-one, intuitive control experience

Dimensions



Specifications

| | |
|---|--|
| | Unear A20 |
| Features | |
| Wide-Angle Camera | 90° 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 DNR | Supported |
| Video Specs | |
| WDR | DWDR |
| Video Output | MAX UP TO 1920*1080@30fps(MJPEG) |
| Aspect Ratio | 16:9 |
| UVC Compatibility | 1.0/ 1.1 |
| USB 2.0 Transmission | MJPEG and YUV |
| Camera Specs | |
| Aperture | F2.0 |
| Pixel | 2MP |
| Image | UP TO 1920*1080 |
| FOV(H) | 90° |
| FOV(V) | 60° |
| TV Distortion | < 1% |
| 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 ≥30dB |
| 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 | -38dB FS94dB SPL@1KHZ |
| SNR | 63dB |
| 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 | 3W |
| Speaker Frequency Response | 20Hz ~20kHz |
| Speaker Volume | 105dB SPL @0dB 2kHz at 0.1m |
| THD | ≤ 5% |
| Configuration Requirements | |
| PC Windows or Linux, Mac OS with USB Connection | Supported |
| Speaker Specs | |
| USB Power Supply | 5V/500mA |
| Data Transmission over USB Type-C | Supported |

Webcam

Unear V20

Best webcam for a variety of flexible personal office scenarios.



2K ultra high-resolution



Support WDR



Dual Noise-Canceling Mics



Area Sound Pickup



Privacy protection



Multiple Installation Modes



Ultra Wide-angle



4MP Webcam

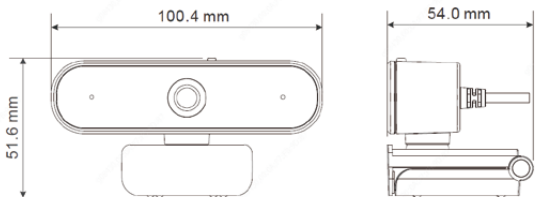
Unear V20



Key Features

- 1440P image quality, 90° wide angle lens
- True WDR Technology
- AI noise-suppression makes your sound more clear
- The built-in lens cover to protect your privacy
- USB plug and play

Dimensions



Specifications

| | Unear V20 Webcam |
|---|--|
| Video Specs | |
| Anti-flickering | Supported |
| Auto exposure | Supported |
| Auto White balance | Supported |
| 3D noise-suppression | Supported |
| WDR | Supported |
| Max. resolution | 1440P |
| Aspect ratio | 16:9 |
| UVC protocol supported | UVC 1.1/1.5 |
| Coded format | MJPEG: max to 1440P@30fps or 1080P@60fps |
| Camera Specs | |
| Aperture | f/2.3 |
| Sensor | 1/2.9 in, CMOS, 4MP |
| Focusing mode | 3.0mm fixed-focus |
| FOV(D) | 90° |
| FOV(H) | 82° |
| FOV(V) | 52° |
| Non-Distortion Lens | Supported |
| Audio Specs | |
| Area sound pickup range | -45°~45° |
| Maximum background noise suppression | 15dB |
| Microphone Specs | |
| Microphone type | 2-Element Microphones Array |
| Sensitivity | -26dBFS 94dB SPL@1kHz |
| S/N | 65dBA 94dB SPL@1kHz, A-weighted |
| Effective pickup distance | 3 Meters |
| Configuration Requirements | |
| PC Windows or Linux, Mac OS with USB Connection | Supported |
| Input / Output | |
| USB Power Supply | 5V/500mA |
| USB port | USB2.0 Type-A |
| USB 2.0 | Supported |
| Installation | |
| Clip on the screen/on the tripod/on the surface | Supported |
| Appearance Color | |
| Classic black | Supported |
| Input / Output | |
| Net Weight | 130g |
| Gross Weight | 180g |
| Dimensions | |
| Product dimensions | 100mm(L)*55mm(W)*50mm(H) |
| Package dimensions | 132mm(L)*60mm(W)*110mm(H) |