

All-In-One Video Conference Camera

Unear A20



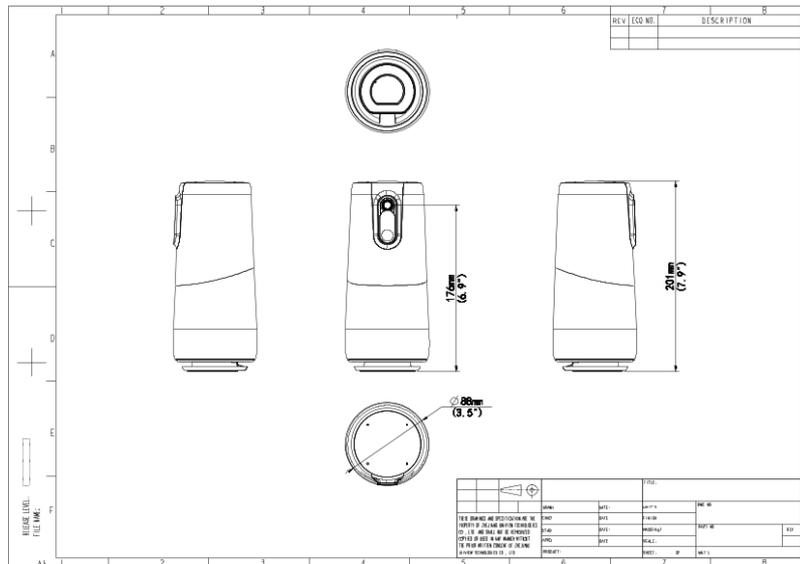
Specifications

| Lens | Description |
|----------------------------|--|
| Aperture | 1/2.8 |
| Image Sensor | 3MEG |
| Focus | Fixed 3.0mm |
| FOV (diagonal) | 93.1° |
| FOV (horizontal) | 84.5° |
| FOV (vertical) | 54° |
| Video Performance | Description |
| Lens Distortion Correction | Support |
| Anti-flicker | Support |
| Auto Exposure | Support |
| Auto White Balance | Support |
| 3D Noise Reduction | Support |
| Max. Image Resolution | FHD 1080P@30fps |
| Aspect Ratio | 16:9 |
| Coded Format | YUV: Max. 480P@30fps MJPEG: Max. 1080P@30fps H264/H265: Max. 1080P@30fps |

| Microphone | Description |
|---------------------------------------|---|
| Microphone Type | 4 MEMS microphones, 360° circular array |
| Sensitivity | -38dB FS94dB SPL@1KHz |
| SNR | 63dBV/Pa 94dB SPL@1KHz, A-weighted |
| Pickup Range | 5m |
| Audio Performance | Description |
| Smart Sound Source Localization | Support |
| Beamforming | Support |
| Smart Noise Reduction | Support |
| Max. Background Noise Suppression | 24dB |
| Full-duplex Transmission | Support |
| Echo Cancellation | Max. echo coupling loss ≥ 30 dB |
| Auto Gain Control | Automatic gain control within 5m |
| Reverberation Suppression | RT60 < 1s |
| Speaker | Description |
| Peak Power | 3W |
| Frequency Response Range | 20Hz to 20kHz |
| Sound Pressure Level | 105dB SPL @0dB 2kHz at 0.1m |
| Total Harmonic Distortion | $\leq 5\%$ |
| Interface | Description |
| USB | USB2.0 Type-C |
| General | Description |
| Installation Method | Desktop |
| Color | White-gray |
| Operating System Support | Windows/Mac/Linux |
| Power Supply | USB 5V/500mA |
| Product Dimensions (L x D) (mm) | 200*88 |
| Packaging Dimensions (W x H x D) (mm) | 287*124*124 |
| Weight (g) | Net weight: 357 Gross weight: 523 |

| | |
|-----------------------|---------------|
| Operating Temperature | 0°C to 45°C |
| Storage Temperature | -10°C to 55°C |
| Operating Humidity | 20% to 90%RH |

Dimensions



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