

## Mini USB Video Bar

### UAI4M20

1080P mini USB video bar, microphone, speaker and camera all-in-one design, plug and play, support portrait and landscape mode, provide high quality A/V experiences.



## Features

### ▼ 1080P + 90° Wide-angle Lens

Support 1080p HD, support 1080@30FPS/25FPS image encoding output, and compatible with 720P resolution. With a 90 ° ultra-wide-angle lens.

### ▼ Integrated Bionic Design is Simplified

Integrated high-definition cameras, high-sensitivity omnidirectional microphone, and full-frequency speakers, one-and-one design, that is, plug and play to reduce wiring and make video communication easier and simple; unique bionic design allows you to get excellent audiovisual effects in video calls.

### ▼ Full-frequency Speaker

speakers with ducted sound cavity, the treble is clear and penetrating and the bass is naturally surging to providing an extraordinary sound effect.

### ▼ Audio 3A Algorithm

The built-in audio 3A algorithm (AEC/AGC/ANS) and full duplex mode adjust the high and low volume of the balance and suppress the noise automatically while in voice collection to meet your needs for loud and clear communication.

### ▼ TOF High-speed Focusing

The laser-assisted focusing instrument with advanced auto focusing algorithm is to realize high-speed and accurate auto focusing.

### ▼ ePTZ

No mechanical rotating device needed for more accurate rotation accuracy, no noise, more reliable and durable, support 4x digital zoom.

### ▼ Built-in Physical Privacy Masking

Equipped with an integrated sliding privacy cover to protect the privacy.

### ▼ Low Illumination

The new generation high performance CMOS image sensor can significantly reduce the image noise in low illumination. With the 2D and 3D noise reduction algorithms, even in an ultra-low illumination environment, camera can still deliver a sharp and clean image with more than 55dB S/N ratio.

### ▼ Landscape and Portrait Mode

Support one-key landscape and portrait switching output to meet the needs of various landscape and portrait live scenes.

### ▼ Easy Installation

The standard configuration includes a damped rotary support, which is compatible with almost 100% of the displays available on market; it's easy to install, stable and reliable.

## ▼ Camera Spec

Sensor	1/2.8 inches, CMOS, Effective Pixels:2.07 Megapixe Scanning
Mode	Progressive
Type of Lens Mount	M12
Lenstf	=2.8mm, Horizontal FOV: 90°
AFSupport	TOF Focus
Minimum Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Manual, VAR
Bracket	Damping rotating bracket
Privacy Masking	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Backlight Compensation	Support
Digital Zoom	4x

## ▼ USB Spec

Operating System	Windows ® 7 (only supports 1080P and below), Windows 8.1, Windows 10 or higher; MacOS ™ 10.10 or higher; Google ™ Chromebook ™ Version 29.0.1547.70 or higher; Linux (requires support for UVC)
Hardware Requirements	2.4 GHz Intel® Core 2 Duo Processor or higher 2 GB memory or higher USB 2.0
Color System / Compression	YUY2 / H.264 / MJPEG 1080P30/25;
Video Format	720P30/25; 960x540P30/25; 640x360P30/25;
USB Video Communication Protocol	UVC 1.1
UAC	Support
UVC PTZ Control	Support (ePTZ)

## ▼ I/O

USB Interface	1 x USB 2.0, type C
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## ▼ Audio Features

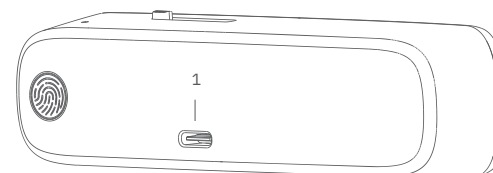
Audio 3A Algorithm	Support AEC/AGC/ANS
IR Remote Control	82 dB SPL at 0.5 m
Microphone	Omnidirectional Microphone, Sensitivity:-30±2dB

## ▼ Generic Spec

Input Voltage	5V (USB Power Supply)
Input Current	0.5A (Max.)
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	2.5W (Max.)
Dimension	121mm (W) × 31mm (D) × 35mm (H) (Non-bracket)
Net Weight	139g



## Interface Diagram



1 — USB