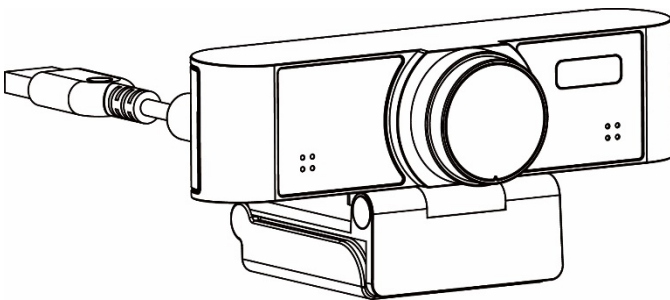
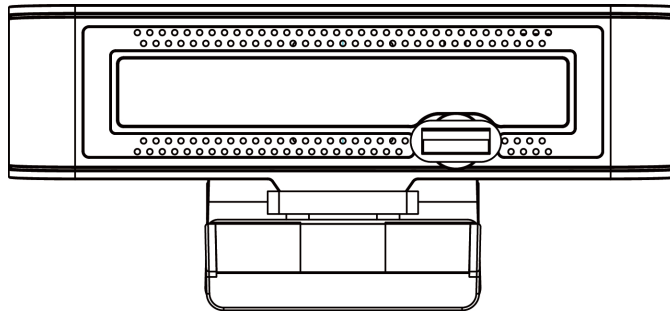
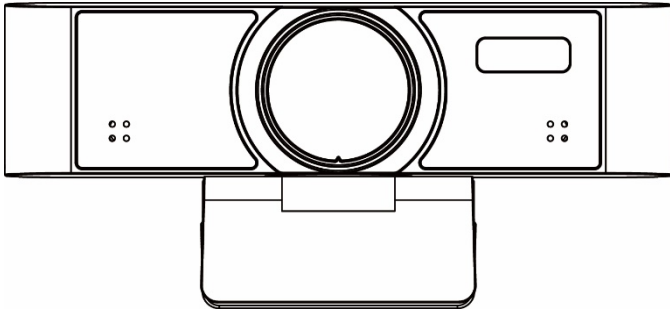


## 1 Product Appearance



### Built-in Microphone

Integrated microphone array picks up sound from up to six meters / 19.5 feet away, with crystal-clear audio via proprietary noise suppression.

### Low-Light Sensitivity

2D / 3D noise reduction algorithms greatly reduce image noise to keep images clean and clear with signal-to-noise ratio up to 55dB, even under ultra-low lighting.

### Easy Installation

Standard clamping rotary shaft support provides easy, stable, and reliable installations, suitable for mounting onto monitors.

## 4 Safety Precautions

### Careful Transportation

Avoid heavy pressure, strong vibrations, and liquid damage to camera during transportation, installation, and operation.

### Careful Installation

Place this product on a smooth surface. Please carefully avoid contact with any liquid, gas or solid material that may cause corrosion to the camera's shell, made from an organic material.

### Do Not Disassemble

This product contains no user-repairable parts. Any damage caused by the user disassembling the product is not covered by warranty.



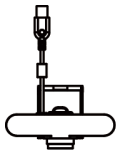
Notice

Electromagnetic fields at specific frequencies may affect image performance.

## 5 Product Specifications

Camera	
Sensor	1/2.7", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens Mount	M12
Lens	Focus: f=3.1mm, FOV: 120°
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Camera bracket	Bracket with Damper
Digital Noise Reduction	2D, 3D Digital Noise Reduction
Backlight Compensation	Support
USB Features	
Operating System	Windows XP/7/8/10 Android 4.4.2
Color / Compression	MJPEG/YUY2/H.264

## 2 Package Contents



Camera x 1



Quick Start x 1

## 3 Product Features

### Full HD 1080p with Wide Viewing Angle

Provides Full HD 1080p images and 1080p video @ 30fps / 25fps, with full downward compatibility to 720p resolution and wide viewing angle of 120° field of view (FOV).

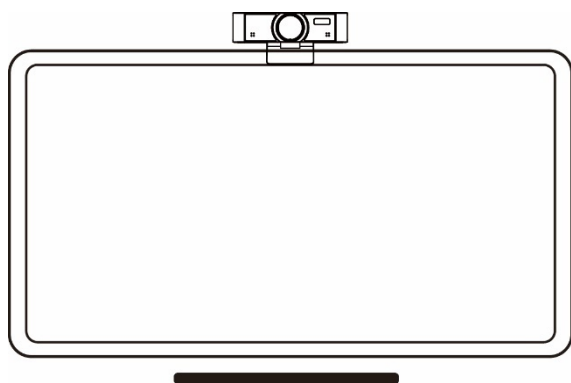
### USB 2.0

Full-featured USB 2.0 interface carries power, video, and audio over one cable, supporting high-quality audio and video calls.

Resolution	<ul style="list-style-type: none"> <li>MJPEG: 1920x1080 (default), 1600x896, 1600x120, 176x144, 320x240, 352x288, 640x480, 720x576, 1280x720, 1024x768, 1024x576, 960x540, 848x480, 800x600, 800x448, 640x360, 480x272, 424x240, 320x180</li> <li>YUY2: 1920x1080 (default), 160x120, 176x144, 320x240, 352x288, 640x480, 1280x720, 960x540, 640x360, 480x272, 424x240, 320x180</li> <li>H.264: 1920x1080 (default), 1600x896, 160x120, 176x144, 320x240, 352x288, 640x480, 720x576, 1280x720, 1024x768, 1024x576, 960x540, 848x480, 800x600, 800x448, 640x360, 480x270, 424x240, 320x180</li> </ul>
USB Communication Protocol	UVC 1.0
<b>Input/Output Interface</b>	
USB Interface	1 x USB 2.0: Type A
<b>Physical Specifications</b>	
Input Voltage	5V (USB power supply)
Current Consumption	0.27A
Operating Temperature	-10°C ~ 40°C / 14°F ~ 104°F
Storage Temperature	-40°C ~ 60°C / -40°F ~ 140°F
Power Consumption	1.4W
Size	118mm x 37.2mm x 30.8mm (without bracket)
Net Weight	0.093 Kg (without bracket)
MTBF	> 30000h

## 6 Camera Installation

The camera can be mounted to monitors with thickness less than 170mm / 6.7" as shown below.



## 7 Maintenance and Troubleshooting

### Camera Maintenance

- Please disconnect power when camera is not in use for long periods of time. Use a soft cloth or paper to remove dust from camera housing.
- Please wipe with a dry soft cloth to clean camera lens. Use a gentle neutral cleaner if dirt has accumulated. Do not use strong or corrosive detergents which can scratch the lens and affect image quality.

### Operating Tips

- Avoid pointing camera at direct sunlight, bright lights or bright objects.
- Avoid unstable lighting conditions, which can cause the image to flash.
- Do not use around devices that can transmit high-power radio waves, such as radio-transmitting or television stations.

### Troubleshooting

If the image jitters after the camera is properly connected,

- Check whether the camera is installed on a stable surface.
- Check for vibrating surfaces or machinery near the camera.

## 8 Toxic and Harmful Substances

Part Name	Toxic or harmful substances or elements					
	(Pb)	(Hg)	(Cd)	(CrVI)	(PBB)	(PBDE)
Metal	X	O	O	O	O	O
Plastic	O	O	O	O	O	O
Glass	X	O	O	O	O	O
Circuit board	X	O	O	O	O	O
Power	X	O	O	O	O	O
Attached	X	O	O	O	O	O

This form is compiled in accordance with SJ/T 11364.

O: Indicates that the content of the hazardous substance in all homogenized materials of the component is subject to the limit specified in GB/T 26572.

X: The hazardous substance in at least one of the components' homogenized material content is in excess of the GB/T 26572 limit requirements, and there are no mature alternatives.

## 9 Warranty

If failure is due to non-human causes within one year from date of purchase of camera, please email [support@dvdo.com](mailto:support@dvdo.com) with proof of purchase / receipt and serial number.

Any of the following circumstances is not covered by warranty:

- Product has been modified or tampered with.
- Use of camera in an environment that does not conform to requirements of the product.
- Uncontrollable factors such as fire, earthquake, lightning strike, etc.
- Warranty card does not match product number.