



VIVOLINK VLCAM75 HD Video Conferencing Camera User Manual

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VLCAM75

HD Video Conferencing Camera

User Manual



Attentions

This manual briefly introduces the camera functions, installation and operations. Please read carefully before application.

1. Application instructions

To prevent damages to this camera or any products connected to it, this product can only be used within the specified range:

- 1) Do not expose the camera to rain or moisture;
- 2) To prevent the risk of electric shock, do not disassemble the camera, only qualified technical personnel to perform installation and maintenance;
- 3) Do not use the camera in situations which is excess of the specified temperature, humidity or power specifications;
- 4) When cleaning the camera lens, wipe with a soft and dry cloth. If with too much dust, wipe gently with a mild detergent. Do not use strong or corrosive detergent, so as not to scratch the lens, affecting the image effect.

2. Electric Safety

This product must be installed in strict compliance with local electrical safety standards.

3. Caution to transport

Avoid heavy pressure, severe vibration, soaking damage to the product in transportation, storage and installation.

4. Careful installation

The camera body is made of organic material, please do keep way from corrosive liquid, gas or solid material.

5. Do not disassemble discretionarily.

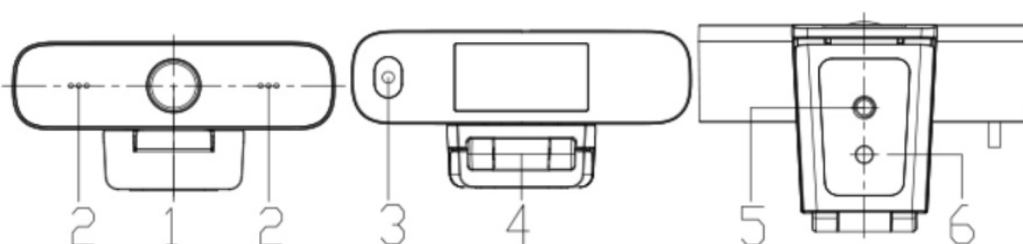
We are not responsible for any damage caused by unauthorized disassembling.

6. Magnetic field interference

The electromagnetic field at a specific frequency may affect the camera image. As this is a Class A product, in household environment it may cause radio interference, users need to take appropriate measures.

1. Quick Installation Instructions

1.1. Product Interfaces



Picture 1.1 Interfaces Instructions

1. Lens(fixed)	3. USB2.0 cable outlet hole (unplug)	5. Screw hole for tripod
2. Audio IN (built in pick-up)	4. Flexible clip/base	6. mounting and locating holes

The USB 2.0 port available for plug and play, can output video and power the camera.

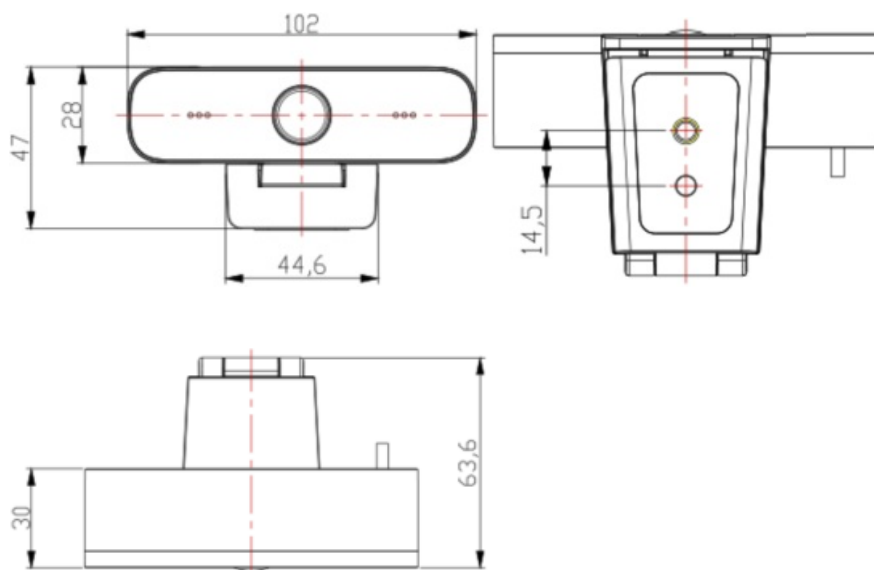
1.2. Usage of the Product

- 1) Grasp the webcam on LCD screen, the top of laptop, desk or tripod directly.
- 2) Connect the USB cable with computer, video conference devices or other USB input device.
- 3) Open the video software, select the video device to get video output.

2. Product Introduction

2.1. Product Introduction

Product Dimension:



Pic. 2.1 Dimension

Check and confirm all accessories are provided when opening the package:

User Manual x 1

Warranty Card x 1

2.2. Product Features

VLCAM75 features perfect functions and excellent performance. Adopts advanced ISP processing algorithms so as to provide vivid images with evenly clear brightness, strong color layering, high resolution, and fantastic color rendition. Easy and convenient to install and maintain, stable and reliable.

Advantages

- a. **High-definition Image:** high quality CMOS sensor. Support compression of resolution up to 1920×1080 with frame up to 30fps. Provides clear, vivid HD image.
- b. **Multiple installation:** Free to choose installation place, the device is with fix clamp which enable it to be installed on LCD screen, the top of laptop or directly on desk and tripod.
- c. **Wide Application:** Personal Video Platform, Videoconferencing, Cooperative Office etc.
- d. **Convenient application:** No need to download driver or extra software, it is used-conveniently and easily.

Features:

- a. **USB2.0:** Easy plug and play, power and upgrade support
- b. **Multiple Lens Optional:** 80 degree, 120 degree wide angle lens with free distortion.
- c. **Advanced Focus Technology:** VCM motor auto focusing lens and advanced focus algorithm to auto focus fast, accurately and stably.
- d. **Built-in Mic:** Inbuilt Microphones pick up, for clear and natural stereo sound without external pickup equipment.
- e. **Multiple Video Encoding:** Support H.264, H.26, .MJPEG, YUV video encoding which enables the video play more fluently.

Specification:

Specification	VLCAM75	
Camera Parameter		
Image Sensor	high quality CMOS sensor	
Effective Pixels	2.07MP,16:9	
Video Resolution	USB Output: 960×540/320×180/432×240/640×360/800×448/800×600/864×480/960×720/1024×576/ 1280×720/1600×896/1920×1080/272×144/368×208/384×216/480×272/624×352/ 912×512/424×240/640×480/320×240/160×120/P30	
View Angle	88°(D) /80°(H)/ 50°(V)	
Focal Length	3.24mm	
Minimum Illumination	0.5Lux(F1.8, AGC ON)	
Focus	Manual	
AF	Fixed	
Backlight contrast	On/off	
Exposure	Auto / Manual	
Video Adjustments	Brightness, Definition, Saturation, Contrast, white balance, gain, anti-flicker, low brightness compensation adjustable	
SNR	>50dB	

Output Parameter	
Video Output	USB2.0(Power, upgrade support)
Video Compression	MJPEG,YUV2,H.264,H.265
Audio Input	Inbuilt omni-directional mics

Other Parameter	
Input Voltage	5V
Input Current	500mA (max)
Power	2.5W(max)
Store Temperature	-10°C ~ +60°C
Store Humidity	20% ~ 95%
Working Temperature	-10°C ~ +50°C
Working Humidity	20% ~ 80%
Dimension	102mm*46mm*30mm
Weight	0.15kg
Accessory	User Manual, Warranty card

3. Maintenance and Troubleshooting

3.1. Maintenance

- 1) If camera is not used for a long time, please turn off power adapter switch and AC plug.
- 2) Use soft cloth or tissue to clean the camera cover.
- 3) Use soft cloth to clean the lens; Use neuter cleanser if bad smeared. Do NOT use strong or corrosive cleanser or corrosive cleanser avoiding scuffing.

3.2. Trouble shooting

No video output & video staccato


- a. Make sure camera USB Cable is connected properly, USB Port is normal, Power indication light on.
- b. Disconnect the camera with computer and re-connect by USB.
- c. Make sure video software selects the right device.

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Documents / Resources

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