

# 4K 10X Optical zoom live Streaming Webcam

## Product Features:

- **4K Full HD images:** USB3.0 Video output: 3840\*2160@30fps, HDMI Video output: 3840\*2160@30fps .
- **Full HD images:** Adopting SONY 1/2.8-inch high-quality image sensor, it presents clear and realistic HD video, vividly showing the expressions and movements of people.
- **Optical zoom lens:** 10x optical zoom, up to 64.51° wide angle lens..
- **Rich video interface:** Support HDMI, USB3.0 B-type interface video output;
- **Leading autofocus technology:** The advanced focusing algorithm is used to make the lens focus quickly, accurately and stably.
- **Portrait and horizontal screens:** Support horizontal and vertical screen installation mode to better meet the playback needs of customers for horizontal and vertical screens.
- **Professional graphic style:** It can well support beauty and jewelry style live broadcast, and adjust the best image effect for the live broadcast scene.
- **Multiple video compression standards:** The interface supports YUY2, MJPG, H264, and video compression formats.
- **Low noise and high signal-to-noise ratio:** The low-noise CMOS effectively ensures the ultra-high signal-to-noise ratio of the camera video; Advanced 2D and 3D noise reduction technology is used to further reduce noise while ensuring image clarity.
- **Easy to use:** No need to download the driver, connect 12V power to the webcam, USB output plug and play, with a convenient and simple user experience;
- **Built-in camera menu:** you can adjust various parameters according to the environment, for example, white balance, aperture, shutter, RBG, etc.



## Technical parameters:

<b>Parameters/models</b>	SN43-10XU3
<b>Camera, lens parameters</b>	
<b>Image sensor</b>	1/2.8 sensor
<b>Effective pixels</b>	8MP; 3840*2160
<b>Video signal</b>	<b>4K output supports video formats:</b> MJPG 4K 3840*2160@30fps, <b>USB3.0 output supports video formats:</b> MJPG 4K 3840*2160@30fps <b>HDMI output supports video formats:</b> 4K 3840*2160@30fps, 1080P@30fps
<b>Video Support Formats</b>	MJPG, YUY2, H264, NV12
<b>Visual angle</b>	Horizontal viewing angle 8.03°~64.51°(10x optical zoom)
<b>Focal length</b>	5.76~46.09mm
<b>Aperture</b>	F1.8~F2.6
<b>Optical zoom</b>	10X
<b>Minimum illumination</b>	0.1Lux(F1.8, AGC ON)
<b>Digital noise reduction</b>	2D & 3D digital noise reduction
<b>Super Auto Noise Reduction</b>	On/Off
<b>White balance</b>	Auto/manual/one-touch white balance /3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
<b>Focus</b>	Auto/manual/one-key focus;
<b>Exposure</b>	Automatic/Manual
<b>BLC</b>	On/off
<b>Signal-to-noise ratio</b>	>50dB
<b>Vertical screen switch</b>	On/off
<b>Minimum object distance</b>	30cm(Wide)~150cm(Narrow)
<b>Interface functional performance</b>	
<b>Video output interface</b>	1 USB3.0 interface: A-port, support YUY2 60fps video output, Adaptive 1 HDMI interface: support video output
<b>Control Interface</b>	USB, HDMI
<b>Other parameters</b>	
<b>Voltage</b>	12V
<b>Current</b>	0.425
<b>Storage temperature</b>	-10°C ~ +60°C
<b>Storage humidity</b>	20% ~ 90%
<b>Operating temperature</b>	-10°C ~ +50°C
<b>Operating humidity</b>	20% ~ 80%
<b>Dimensions (WxHxD)</b>	680mm×138mm×750mm
<b>Weight</b>	0.6kg
<b>Usage environment</b>	indoors
<b>Annex</b>	Instruction manual, warranty card, USB 3.0 cable, power adapter, wireless remote control

## Use of remote control

After the camera starts normally, the default device number is A, at this time, press A on the remote control to select the device you need to control, and you can use the remote control to control the camera. The factory's cameras and remote controls are all A by default, and all remote controls and cameras can be controlled. If a remote control wants to control multiple cameras, you need to set the remote control address of the camera in the device menu (there are ABCD) four addresses.

# Introduction to the keys

## 1. Return key

Press the return button to return to the camera lens to the maximum angular position or to return to the previous menu

## 2. Equipment selection (ABCD)

Select the equipment you need to control, this remote control can control four devices, divided into ABCD; When switching the device you want to control, you need to first select the device number you want to control

## 3. Number keys

Call preset 0-9;

## 4. Zoom + Zoom-

Press the zoom+, zoom-button to adjust the zoom and zoom of the camera's focal length;

## 5. Focus+, Focus-

Press the Focus +, Focus- keys to manually focus the camera

## 6. Direction control button (U, D, L, R)

Control the camera's menu mode controls the movement of the menu up, down, left and right

**7. Menu/confirmation button:** enter the menu, confirm the option or enter the next level menu;

**8. F1~F4 keys:** special function keys

Press F4 to switch automatic/manual focus

## 9. Add and delete keys

Set the preset position: After adjusting the camera to the corresponding position, press the set preset (add + number key (0-9) to set the preset position of the corresponding number key;

Preset position cancellation: clear the preset position, press delete + number key (0-9) to cancel the preset position of the corresponding number key;

