

AVMATRIX



EAGLET10-4K

FOCUS MASTER

4K 10X ZOOM TOF AUTOFOCUS
LIVE STREAM CAMERA



Capture and live stream your best moments in high quality with the camera.

Fast And Accurate Autofocus with ToF Ranging Technology



High-quality Image Sensor For Professional Imaging

8000000 CMOS
4K 30Hz



10X Optical Zoom Lens for Close-ups And Wide-angle Shots



A Variety of Preset Image Styles



**HDMI & USB Dual Output
RS485 Serial & Audio Input**



Landscape & Portrait Orientation





ToF Auto focus

Fast And Accurate Autofocus

with ToF Ranging Technology

The camera uses advanced ToF ranging technology to quickly and accurately measure the distance between the target and the lens. This allows the camera to quickly focus on the target when switching between far and near scenes in live streaming, ensuring that the subject of the shot is always clear and in focus.

High-quality Image Sensor

For Professional Imaging

The camera is equipped with a 1/2.8" 8M CMOS sensor and supports up to **4K30** resolution. It provides clearer live streaming image quality with realistic color reproduction and vivid images.



Wide-angle Shots

The camera comes with a 75.4° wide-angle lens, which is ideal for capturing expansive landscapes, group shots, and other scenes where users want to encompass more detail.





A Variety of Preset Styles

For Enhancing Image

Come with a variety of styles to meet different user needs, including jewelry, beauty, and fashion etc. Users can easily personalize images with their favorite styles, creating unique image effects.



4K
ULTRA HD

4K HDMI Out

Enhance connectivity with 4K HDMI output for professional switchers or additional displays.



4K USB Out

Effortlessly capture and stream directly to a computer via the camera's USB3.0 Type-C connection.

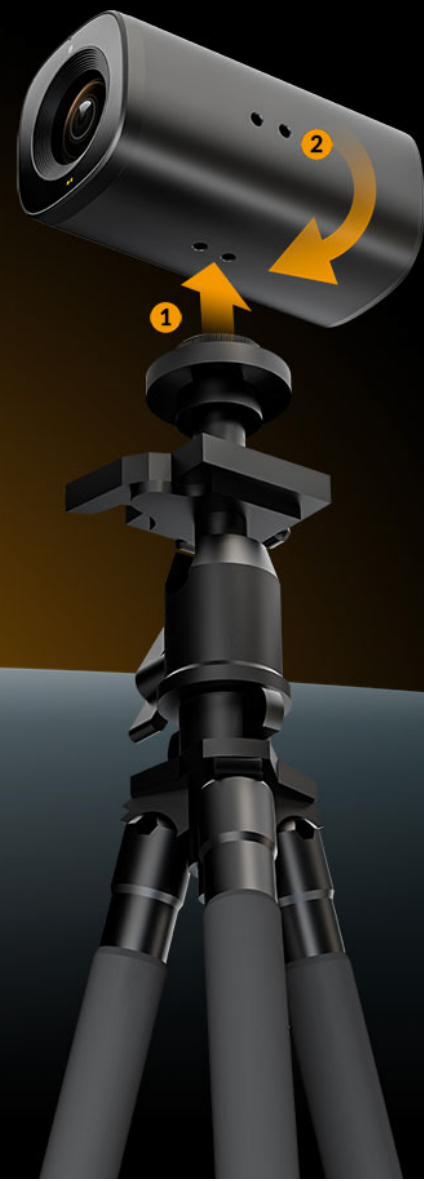


Dual 4K HDMI & USB Outputs

Simultaneously output video through both HDMI and USB interfaces. The camera can connect to professional switcher or an additional display through 4K HDMI. In addition, users can use the USB3.0 type-c to connect directly to the computer, without the need for an external capture card, capture output up to 2160p30Hz.

Landscape and Portrait Orientation

The camera comes with mounting holes for both landscape and portrait orientations, supporting landscape and portrait shooting without rotating the lens. It also supports image mirroring and flipping.





Flexible Control

With Menu Buttons & IR Remote Control

The camera has menu buttons in the rear, allowing users to control the camera through physical buttons. Additionally, IR receivers on both the front and rear of the camera enable convenient control using an IR remote control.

10x ZOOM

1x ZOOM



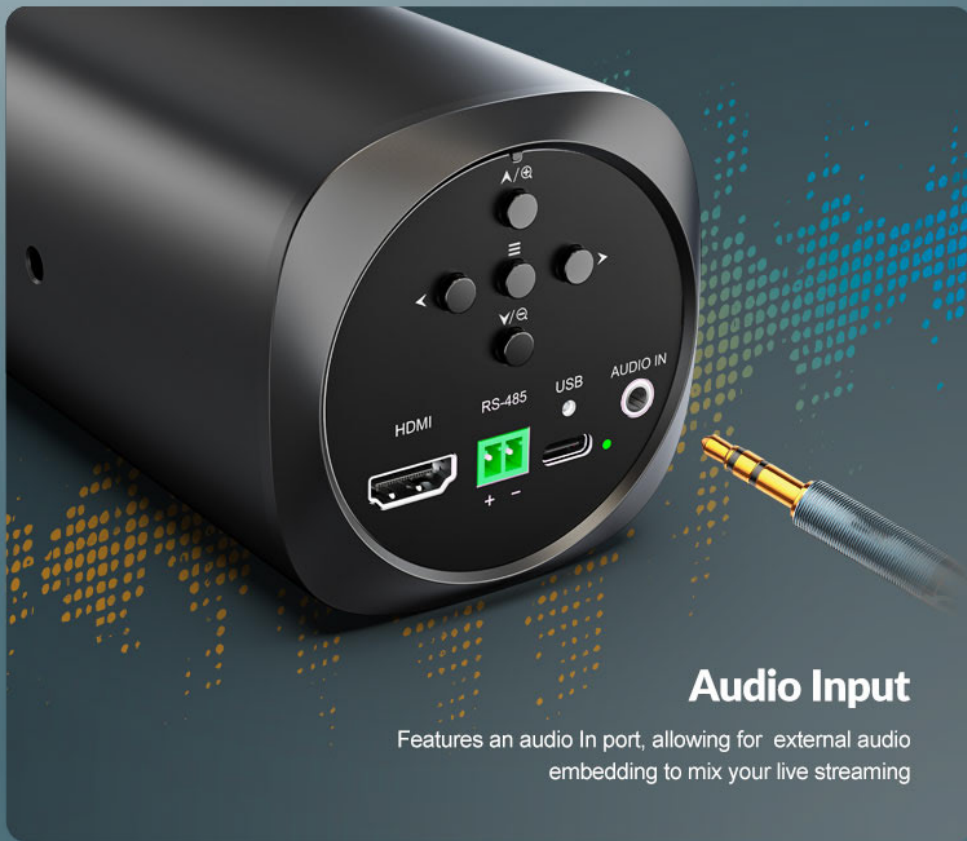
10x Optical Zoom Lens

The camera features a 10x zoom lens, empowering users to zoom in on distant subjects. This capability is particularly advantageous for focusing on a smaller area of the scene, effectively reducing blur and enhancing subject clarity.



RS-485 Serial Control

Equipped with RS485 serial port, RS-485 communication support protocol VISCA.



Audio Input

Features an audio In port, allowing for external audio embedding to mix your live streaming

New Upgrade

With RS485 Serial & Audio Input

The new upgrade of the camera is equipped with an RS485 serial port and audio input, RS-485 communication support protocol VISCA, which allowing users to control the camera through the serial port. In addition, the audio input can support embedded audio for mixing.

Specification

SENSOR	
Sensor	1/2.8" 8MP CMOS Sensor
Max Frame Rate	3840Hx2160V @30fps
LENS	
Optical Zoom	10X
Focusing Mode	ToF Auto Focus & Digital Focus
Focal Length	F=4.32~40.9mm
Aperture Value	F1.76 ~ F3.0
Focus Distance	Wide: 30cm, Tele: 150cm
Field of View	75.4°(Max)
INTERFACES	
Video Output	HDMI, USB(UVC)
USB Capture Format	MJPG 30P: 3840x2160
	MJPG 60P: 1920x1080/1280x960/1280x720/1024x768/800x600/720x576/640x480
	YUY2 60P: 1920x1080/1280x960/1280x720/1024x768/800x600/720x576/640x480
HDMI Format	2160p 30, 1080p/720p 60/50/30/25
Audio Input	3.5mm Audio In
Control Port	RS485 Serial(Support protocol VISCA)
FUNCTIONS	
Exposure Mode	AE/ AE Lock/ Custom
White Balance Mode	AWB/ AWB Lock/ Custom/ VAR
Focus Mode	AF/ AF Lock/ Manual
Preset Image Styles	Meeting/ Beauty/ Jewel/ Fashion/ Custom
Control Methods	IR Remote Control & Buttons
Backlight Compensation	Support
Anti-Flicker	50Hz/ 60Hz
Noise Reduction	2D NR & 3D NR
Video Adjustment	Sharpness, Contrast, Color Saturation, Brightness, Hue, Color Temp, Gamma
Image Flip	H Flip,V Flip, H&V Flip
OTHERS	
Power Consumption	<5W
USB Power Voltage Range	5V±5% (4.75 ~5.25V)
Operation Temperature Range	0-40℃
Dimension (LWD)	78x78x154.5mm
Weight	Net weight: 686.7g, Gross weight: 1064g
Installation Methods	Landscape & Portrait Orientation

Standard Accessories

