

AVMATRIX



EAGLE T10

FOCUS MASTER

10X ZOOM T.O.F. 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**

5000000 CMOS
1920×1080



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



**A Variety of Preset
Image Styles**



HDMI & USB Dual Output



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" 5MP CMOS sensor and supports up to 1920×1080 HD resolution.
It provides clearer live streaming image quality with realistic color reproduction and vivid images.



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.

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.

75.4° Wide-angle

60° Wide-angle

WIDE
ANGLE

DC 12V





A Variety of Preset Styles

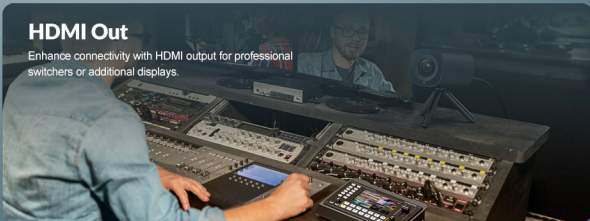
For Enhancing Image

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.



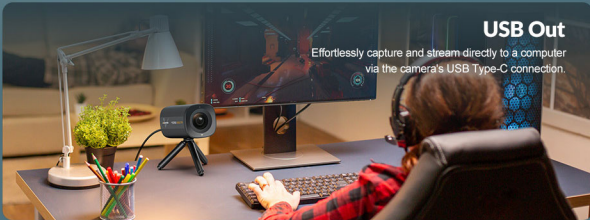
HDMI Out

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



USB Out

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



Dual HDMI & USB Outputs

Simultaneously output video through both HDMI and USB interfaces. The camera can connect to professional switcher or an additional display through HDMI. Alternatively, effortlessly capture and stream using the camera's direct USB type-c connection to your computer, without the need for an external capture card.

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.



Aluminum Alloy Body

with Excellent Heat Dissipation for 24/7 Operation

The camera is built with a durable aluminum alloy body that provides superior heat dissipation. This means that your camera can run 24/7 without interruption, even in the most demanding conditions.

Specification

SENSOR

Sensor	5M CMOS Sensor
Optical Format	1/2.8"
Max Frame Rate	1920H x 1080V @60fps

LENS

Optical Zoom	10X
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
USB Capture Format	MJPEG 60P: 1920×1080/1280×960/1280×720/1024×768/800×600/640×480/320×240
HDMI Format	1080p 25/30/50/60, 720p 25/30/50/60

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	< 4W
DC Power Voltage Range	12V±5% (6 ~ 15V)
USB Power Voltage Range	5V±5% (4.75 ~ 5.25V)
Operation Temperature Range	0-50℃
Dimension (LWD)	78×78×154.5mm
Weight	Net weight: 686.7g, Gross weight: 1054g
Installation Methods	Landscape & Portrait Orientation

Standard Accessories



IR Remote Control



Lens Cap



USB A-C Cable



HDMI Cable

Optional Accessories



12V Power Adapter



5V Power Adapter

