

# KT-S10MS

## FHD Broadcast Camera

TOF Fast Focus

1080P 60fps

USB3.0

HDMI



## Features

### ■ Full HD1080P 60fps:

1/2.8 inch, 2MP, Full HD 1920\*1080p video resolution, high-quality images with up to 60fps, vividly presents any expression and movement, and provides a smooth live broadcast experience.

### ■ TOF Fast Focus:

Built-in TOF laser ranging module, combines with advanced algorithms, fast, accurate, and stable focusing, designed for live broadcasting.

### ■ 10x Optical Zoom:

Supports 10x lossless zoom, easily shows more details.

### ■ USB 3.0 +HDMI Dual Interfaces:

Supports USB 3.0 and HDMI dual interfaces to output 1080P 60fps video signal at the same time.

### ■ Supports Multiple Painting Styles:

Whether it is beauty, jewelry or clothing, more scenes and styles can be switched.

### ■ Various Video Compression standards:

Supports YUY2, MJPG, video compression formats.

### ■ Low Noise and High SNR:

Super high SNR image is achieved with low noise CMOS. Advanced 2D/3D noise reduction technology further reduces the noise while ensuring high image clarity.

### ■ All aluminum alloy body:

Made of metal aluminum alloy, it shows the quality of the product.

### ■ Supports Horizontal and Vertical Screen Installation:

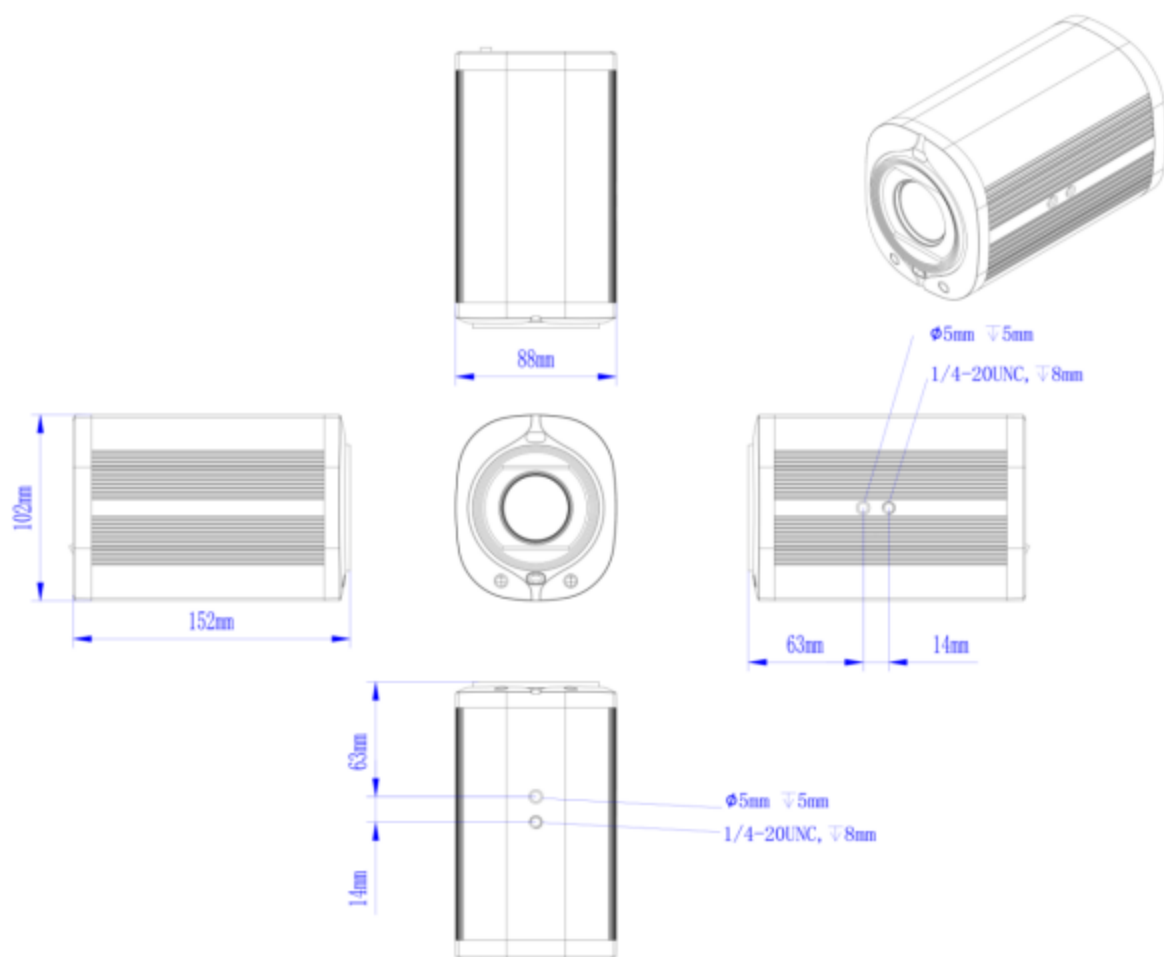
Specially designed for vertical screen live broadcasting scenarios, with a 1/4 screw port, supports horizontal and vertical screen installation, quickly realizes horizontal and vertical screen image output without cropping, and keeps the quality of broadcast images.

## Specifications

Image Parameters	
Resolution	HDMI: 1080p60/50/30/25, 720p60/50
Image Sensor	SONY 1/2.8" CMOS
Pixels	3.50 Megapixels, 2.07 Effective Megapixels
Scan Mode	Line by line
Lens	10X Optical Zoom, f=4.32mm(W)~43.2mm(T), F1.76~F3.0
Horizontal View Angle	67.5°(W)~7.6°(T)
Vertical View Angle	40.2°(W)~4.3°(T)
Focus System	Auto, Manual, TOF
Shutter Speed	1/50s ~ 1/10000s
Minimum Illumination	0.5 Lux @ (F1.5, AGC ON)
Exposure	Auto, Manual, Iris Priority, Shutter Priority, Brightness priority
White Balance	Auto, Indoor, Outdoor, Keying, Auto Tracking, Fixed color temperature, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital noise reduction
S/N Ratio	≥50dB
Pan/Tilt	
Preset Positions	9 preset positions by IR remote controller, 200 preset positions by joystick controller or PC
Preset Accuracy	0.1°±10%
Flip	Support
Image Freeze	Support
USB	
Protocol	UVC 1.1
Operating System	Window7 and above, MacOS, Linux, Android
Video Compression	YUY2, MJPEG, H.264
Resolution	1920*1080, 1280*720, 800*600, 704*576, 640*480, 320*240
Frame Rate	Max.60
UVC Control	Support
Interface	
HDMI Interface	1 Line, HDMI: Version 1.4

USB Interface	1 Line, USB3.0, Type-B Socket
Audio Interface	1 Line, Line In, 3.5mm
Power Interface	JEITA RC-5320A Type 4
<b>General Specifications</b>	
Input Voltage	DC 12V
Input Current	Max. 1.5A
Power Consumption	Max. 18W
Operating Temperature	0~40℃
Storage Temperature	-10~60℃
Color	Black
Dimension	(W)88*(D)152*(H)102mm
Weight	0.8kg
Accessories	DC 12V power adapter, IR Remote, User manual, USB3.0 Cable

## Dimension



## Application scenarios

