

Auto Framing 4K EPTZ Camera

TECHNO Auto Framing is a 4K ultra-high-definition ePTZ camera with a new design. It has perfect functions and superior performance, which employs 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.



Key Features

- **Ultra HD 4K Resolution:** 1/2.8-inch-high quality CMOS sensor. Resolution is up to 4K with frame rate up to 30fps (MJPG) or 30fps (H.264); compatible with 1080P and 720P.
- **ePTZ:** ePTZ and 3X digital Zoom;
- **Built-in MIC:** Built-in two Omni-directional MIC pickups; with unique noise suppression algorithm, effective pickup distance up to 6 meters.
- **Auto Framing:** Employing superior face detection algorithm to intelligently and automatically frames according to the number of people in the scene, and the characters are in the middle.
- **Wide FOV:** 83°/100° wide angle and small distortion lens options.
- Video output interface: Video output interface USB 3.0;
- **Multiple Audio/Video Compression Standard:** Supports H.264, MJPG, YUY2, NV12 video compression, to make video play smoothly.
- **Low Noise and High SNR:** Super high SNR image is achieved with low noise CMOS. Even in the case of ultra-low illumination, the picture remains clean and clear.
- **Multiple Installations:** Standard equipped with mold clamp. Easy to install on any devices, such as LCD screen, laptop, table and tripod.
- **Easy to Use:** No need to download driver; USB 3.0 Plug and play;
- **Wide Applications:** Personal video conferencing, enterprise video conferencing, collaboration meeting, etc.

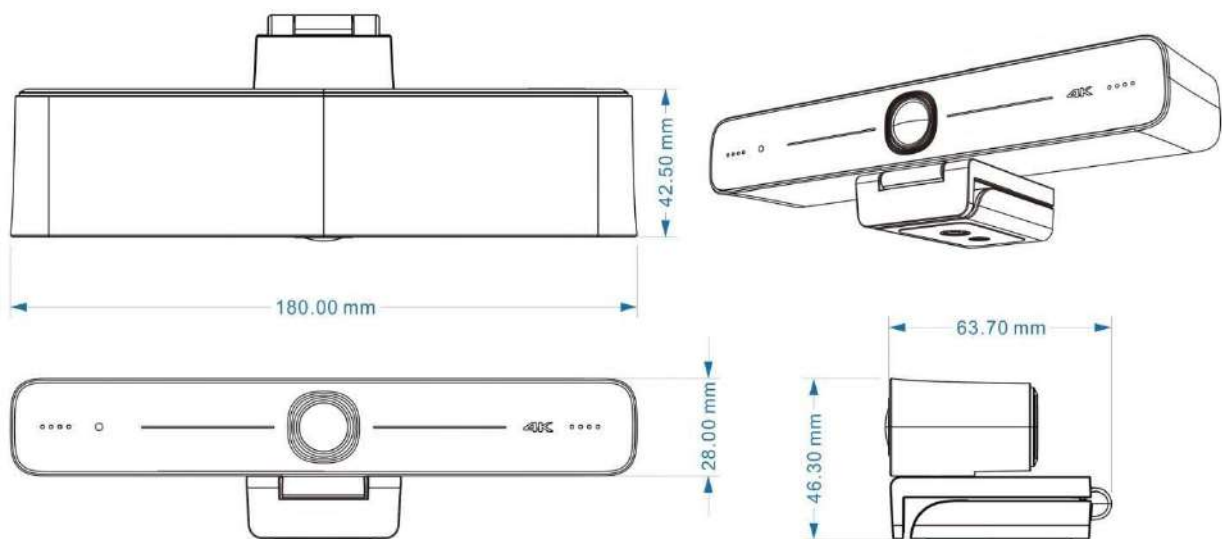
Technical Specifications

Camera Parameters	
Sensor	1/2.8 inch High Quality 4K CMOS Sensor
Effective Pixels	8.28MP 16:9
Video output interfaces	1 Channel USB 3.0 output, Type B, Support audio-in
Audio input	2*Built-in MIC pickup
Video Format	<p>MJPEG : 3840*2160@30 /2560*1440@30 /1920*1080@30 /1600*896@30 /1280*720@30 /1024*576@30 /960*540@30 /800*600@30 /800*448@30 /720*576@30 /720*480@30 /640*480@30 /640*360@30 /480*270@30 /352*288@30 /320*240@30 等</p> <p>H264 : 3840*2160@30 /2560*1440@30 /1920*1080@30 /1600*896@30 /1280*720@30 /1024*576@30 /960*540@30 /800*600@30 /800*448@30 /720*576@30 /720*480@30 /640*480@30 /640*360@30 /480*270@30 /352*288@30 /320*240@30 等</p> <p>YUY2 : 1920*1080@30 /1280*720@30 /1024*576@30 /800*600@30 /800*448@30 /640*480@30 /640*360@30 /480*270@30 /320*180@30 等</p> <p>NV12 : 1920*1080@15 /1280*720@30 /1024*576@30 /800*600@30 /800*448@30 /640*480@30 /640*360@30 /480*270@30 /320*180@30</p>
View Angle	91° (D) /83°(H)/54°(V) 110° (D) /100°(H)/53°(V)
Focus	f=3.24mm f=2.26mm
Aperture	F2.1 F1.8
Digital Zoom	3X
Minimum Illumination	0.1Lux(F1.8, AGC ON)
Focus	Manual
White Balance	Auto / Manual
Exposure	Auto / Manual
Backlight Contrast	On/off
SNR	≥50dB

USB Feature	
Operation Systems	Windows 7(1080P or lower), Windows 8.1, Windows 10; macOS™ 10.10 or higher; Linux (UVC support); Android
Video Compression format	YUY2,NV12,MJPEG,H.264
USB Audio	Support
USB Communication Protocol	UVC,UAC
PTZ Control	Support EPTZ
Hardware Requirement	2.4 GHz Intel® Core 2 Duo processor or higher,2GB memory or higher, USB 2.0 port(USB 3.0 for 4K)

Other Parameters		
Input	Voltage	5V
Voltage/Current	Current	1A(max)
Power Consumption	5W(max)	
Stored Temperature	-10°C~+60°C	
Stored Humidity	20%~90%	
Working Temperature	-10°C~+50°C	
Working Humidity	20%~80%	
Dimension (W*H*D)	180mm×42.5mm×46.3mm	
Weight	Around 0.3kg	
Application	Indoor	
Accessory	USB 3.0 cable, Remote Controller, User Manual	

Dimension (unit: mm)



**Corporate Office: 25-26 Shivalay Residency, Opp Vishal Supermarket,
Kudasan, Gandhinagar – Gujarat 382421**

+919157094380 | info@richainfosys.com | richainfosys.com

