

CleverCam

CleverCam is a 4K ultra-high definition ePTZ camera with a sleek, eye-catching design. CleverCam employs advanced ISP processing algorithms to provide vivid, vibrant images with uniform clarity, brightness, strong colour layering, high resolutions and fantastic colour rendition. With its great functionality and superior performance, CleverCam is easy and convenient to install and maintain.



Key Features

Ultra HD 4k Resolution | ePTZ | Video output interface

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 and 10x digital Zoom; Video output interface USB 3.0

Multiple Installations | Easy to use

Standard equipped with mold clamp. Easy to install on any device, such as LCD screen, laptop, table and tripod; no need to download driver; USB 3.0 Plug and play.

Wide Field of View

83°/100° wide angle and small distortion lens options; Supports H.264, MJPG, YUY2, NV12 video compression, to make video play smoothly.

Built-in MIC

Built-in two omni-directional MIC pickups; with unique noise suppression algorithm.

Auto Framing

CleverCam uses a face-detection algorithm to automatically centre the camera frame to the person talking, whilst still ensuring that the other people in the room are in-view.

Technical Specification

View Angle	115°(D) / 100°(H) / 56°(V)
Focal Length	f=2.26mm
Iris	F1.8
Image Sensor	1/2.8 Inch High Quality 4K CMOS Sensor
Effective Pixels	8.28MP, 16:9
Video Output	USB3.0(Type B), audio video outputs LAN: 10M/100M/1000M adaptive Ethernet port,audio output supported (The default model without LAN)
Video Compression	USB 3.0:YUV2, NV12, MJPG, H.264, H.265 LAN:H.264, H.265
Audio Input	2 Micro omnidirectional pickups
Video Resolution	Main Stream: 3840×2160 @30fps, 1920×1080P @30fps / 25fps, 1280×720P @30fps / 25fps Sub Stream:1280×720P @30fps / 25fps, 640×480P @30fps / 25fps 320×172P@30fps / 25fps
Digital Zoom	10X
Illumination	0.1Lux (F1.8, AGC ON)
DNR	2D&3D DNR
Super Low Illumination	On/Off
Focus	Auto / Manual / One Push
White Balance	Auto / Manual / One Push//3000K/3500K/4000K/4500K/5000K/5500K/6000 K/6500K/7000K
Exposure	Auto / Manual
Backlight Contrast	On/Off

SNR	>55dB
USB	
Video Compression	YUY2, NV12, MJPG, H.264, H.265
Operation Systems	Windows 7 (1080P or lower), Windows 8.1, Windows 10; macOS™, 10.10 or higher, Linux (UVC support); Android
USB Audio	Support
USB Protocol	UVC, UAC
PTZ Control	EPTZ
Hardware Requests	2.4 GHz Intel® Core 2 Duo Processor or better, 2GB Capacity or more, USB 2.0 Input (USB3.0 for 4K)

Other Parameters

Working Voltage and Current	USB power supply	5V
	POE power supply	48V
	USB power supply	1A (max)
	POE power supply	0.104A (max)
Power Consumption	5W (max)	
Stored Temperature	-10°C ~ +60°C	
Stored Humidity	20% ~ 95%	
Working Temperature	-10°C ~ +50°C	
Working Humidity	20% ~ 80%	
Dimension (W*H*D)	180mm × 42.5mm × 46.3mm	
Weight	Around 0.3kg	
Accessory	User Manual, Warranty card, USB3.0 cable, IR Controller	



MIC

Built-in two omni-directional MIC pickups

Sensor

1/2.8 inch high quality CMOS sensor

Audio/Visual

Multiple Audio/Visual Compression Standard

