



WINSAFE UHV-700-AI USB3.0 4K Eptz Webcam with Auto-framing



WINSAFE UHV-700-AI is a professional 3-in-1 webcam that integrates a 4K EPTZ HD camera, electret microphone and high-performance speakers. It uses a 1/2.8-inch 4k ultra-high-definition CMOS sensor with 8.29 million pixels, which can provide 4K high-quality ultra-clear images with an output frame rate of up to 30 fps. Presenting clear and realistic high-definition video quality, vividly showing the expressions and movements of the characters

WINSAFE UHV-700-AI Webcam adopts 120 super wide-angle distortion-free camera, supports 5x digital zoom and automatic viewfinder function, built-in 2 high-sensitivity 360 microphones and 1 high-performance speaker, providing clear and natural sound quality. With high-quality noise reduction algorithm, the pickup range can reach 5 meters.

The USB-C interface, which integrates power supply and transmission(optional), is simple and convenient, and supports UVC and UAC protocols. It can be applied to personal video applications, collaborative work and other application scenarios. USB-A can expand the pickup range to 8 meters by adding expansion microphones.

Main Features

- 4K Ultra HD image sensor, can support 4K@30fps high-quality and clear images
- 120° ultra-wide horizontal view angle
- Eptz function, 5X digital zoom with remote control
- Built-in 2 Omnidirectional microphones and speaker, hands-free talk
- USB-A(USB3.0) interface and USB-C(USB3.0), plug and play
- Expansion Mic can be connected with USB-A
- Auto framing function perfectly framing all people in the center of the image
- Compatible with most video conferencing applications

4K Full HD Quality



1/2.8" 4K UHD CMOS Sensor image sensor, can support 4K@30fps, 8.29MP(16:9) high-quality and clear images. Exquisite image effect, vivid video, accurate color hierarchy, high definition and color reproduction.

Distortion-free wide-angle field of view



Support 120° ultra-wide horizontal field of view. Without distortion, capture the whole scene with no fish-eye effect

Eptz with 5x digital zoom



Support Eptz function, 5x digital zoom, electronic pan/tilt movement and digital zoom function can be controlled by remote, support image flip, mirror effect.

Expansion Mic can be Connected with USB-A



USB-C(USB3.0) interface power supply, plug and play(Optional), simple and convenient, supports UVC, UAC protocol. USB-A(USB3.0) port can extend the pickup range up to 8 meters by adding an Expansion Mic.

Auto Framing



Built-in AI-Power Auto framing which can automatically frame all people in the meeting and make them at the middle of the video image.

Protecting your Privacy



The Magnetic privacy cover blocks the lens when the webcam is not in use. It's perfectly to provide security and peace of mind to anyone. It also help to protect the lens from dirt and debris to ensure your video remains clear for the life of the camera.

Specification

Model No.	UHV-700-AI
Image Sensor	1/2.8" 4K UHD CMOS Sensor
Effective Pixels	8.29 million effective pixels
Resolution	4K(3840x2160) 16:9
AI function	AI face recognition
Lens focal length	f=2.02mm
Protocol	UVC , UAC
Digital Noise Reduction	2D & 3D DNR
S/N Ratio:	>55dB
Horizontal viewing angle	118.8°
Video format:	3840x2160@30fps、1920x1080P@30fps/25fps、1280x720P@30fps/25fps, etc
Video compression format	MJPEG@30fps; H.264; H.265 YUV
White Balance	Auto / Manual
Exposure	Auto / Manual
BLC	On / Off
Auto Framing	On/Off/Sensitive
Minimum illumination	0.1Lux (F1.8, AGC ON)
Status Display	LED three-color working status indicator, the appearance is more high-end
Special function:	Support EPTZ control
Zoom	Fixed focus (support 5x digital zoom)
Power consumption	Max 12W
Speaker	1 built-in high-performance speaker
Microphone	Built-in 2 microphones
Pickup range	5 meters effective pickup
Microphone pointing to	360° omnidirectional
Audio processing functions	Echo Cancellation, Noise Suppression, Automatic Gain
Hardware Requirements	2.4 GHz Intel@Core 2 Duo processor or higher, 2GB RAM or higher, USB 2.0/USB 3.0 interface (4K requires USB 3.0)
Video output interface	USB3.0 (Type-C)
Expansion microphone interface	USB3.0 A port female socket
Power supply	USB powered 12V 1A
Supported Operating Systems	Windows 7(1080p at the most), Windows 8.1, Windows 10 ; Mac oS X 10.10 or above, Android, Linux (Require to support UVC.)
Operating temperature	-10℃~+50℃
Environment humidity	20%~90%
Size	210mmx50mmx28mm
Product weight	0.6kg
Parts List	Camera*1, USB3.0 data cable*1; Magnetic privacy cover*1; Remote control*1; Manual*1; *1 Power Adapter



Ideal fit for:

- Small to medium sized conference rooms
- Remote Education
- Healthcare



Who is buying it?

- Educators
- Small business owners
- Schools



Product specification are subject to change without notice