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AW300K SERIES AI 4K UHD VIDEO CONFERENCE CAMERA

4K

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AI 4K UHD Video Conference Camera

This AW300K is a new 4K UHD ePTZ video conference camera. It is built with AI functions, which can automatically frame all people in the meeting and make them at the middle of the scene. It also has perfect functions and superior performance, which adopts 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.

Technical Specifications

Camera Parameter	
Image Sensor	1/2.5 Inch High Quality 4K CMOS Sensor
Effective Pixels	8.28MP 16:9
Video output port	1* USB3.0, Type B, support audio output over USB3.0
Audio input	2 built-in MIC pickups
View Angle	126° (D)/120°(H)/85°(V)
Video Format	Main stream: 3840×2160@30fps • 1920×1080P @30fps/25fps• 1280× 720P @30fps/25fps, etc. Sub-stream:1280× 720P @30fps/25fps• 640× 480P @30fps/25fps 3 @30fps/25fps, etc.
Min Illumination	0.1Lux (F1.8, AGC ON)
Lens	f=2.72mm
Aperture	F2.5
Digital zoom	10X
DNR	2D & 3D DNR
Ultra-low illumination	On/off
White Balance	Auto / Manual/ One Push/ 3000K/ 3500K/ 4000K/ 4500K/ 5000K/ 5500K/ 6000K/ 6500K/ 7000K
Focus	Auto / Manual/ One push Focus (available on AM series)
Exposure	Auto / Manual
Auto framing	On/off/sens itivity
Backlight compensation	On/off
Dual stream	On/off
SNR	>55dB
USB Feature	
Operation Systems	Windows 7(1080p at the most), Windows 8.1, Windows 10 ; macOS™0.10 or higher, Linux (Require to support UVC.)
Video Compression format	YUY2, MJPG, H.264, H.265
Audio over USB3.0	Support
USB communication protocol	UVC, UAC
PTZ control	Support EPTZ
Hardware requirement	2.4 GHz Intel@ Core 2 Duo processor or higher 2GB RAM or more USB 2.0 /USB3.0 port (USB 3.0 is needed for 4K)
Other Parameters	
Input Voltage	5V
Input Current	1A(Max.)
Power consumption	5W(Max.)
Store Temperature	-10• +60 •
Store Humidity	20% 90%
Working Temperature	-10• +50 •
Working Humidity	20% 80%
Dimension W*H*D	222mm×93.25mm×56.5mm
Weight	Around 0.53kg
Application	Indoor
Accessory	User Manual; Warranty card, remote controller, USB3.0 cable

Authorized Dealers: