Alfatron 4K UHD Camera
ALF-HOLA

DESCRIPTION

The Alfatron HOLA is a new 4K UHD ePTZ video conference camera. It has built-in AI functions, which can automatically frame all people in the meeting and centre them in the same scene. With flawless functionality and superior performance, adopting advanced ISP processing algorithms 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.

FEATURES

- **4K UHD:** It employs 1/2.5 inch, 8 million pixels high-quality CMOS sensor; supports 4K UHD; provides 4K@ 30fps MJPG video resolution at most and provides clear UHD video and vivid expressions and movements. At the same time, it is compatible with 1080p and 720p resolution.

- **EPTZ:** EPTZ and 4X digital Zoom

- **Built-in microphone:** Includes 2 built-in microphones with all-round pickup. Unique noise suppression algorithm ensures your voice is perfectly clear. The effective microphone pickup distance is up to 5 meters.

- **Dual-stream output:** The USB3.0 port support mainstream and sub-stream output at the same time.

- **Auto framing:** With an excellent facial detection algorithm, the camera automatically adjusts the zoom according to the number of people in the meeting. It can frame all the meeting attendees and centre them within the scene.

- **Wide view angle without distortion:** 120° super wide view angle lens for options

- **Low Noise and High SNR:** Low Noise CMOS effectively ensures high SNR of video. Image is still clear even under low light condition.

- **Multiple Installations:** Standard equipped with a mold clamp. Easy to install on any device, such as LCD screen, PC, table and tripod.

- **Easy to Use:** No need to download driver; USB Plug and play.

- **Wide Applications:** Personal video conferencing, enterprise video conferencing, unified collaboration, etc.

TECHNICAL   SPECIFICATIONS

Model Number	ALF-HOLA		
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	Mainstream: 3840×2160@30fps、1920×1080P@30fps/25fps、1280×720P@30fps/25fps, etc. Sub-stream:1280×720P@30fps/25fps、640×480P@30fps/25fps；320×172P@30fps/25fps, etc.		
Min Illumination	0.1Lux (F1.8, AGC ON)		
Lens	f=2.72mm		
Aperture	F2.5		
Digital zoom	4X		
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/sensitivity		
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™ 10.10 or higher, Linux (Required 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		