Auto Framing 4K ePTZ
Camera VLCAM100

VLCAM100 camera has perfect functions and superior performance, which employs advanced Image Signal 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.

Features:

- **Ultra HD 4K Resolution:** 1/2.5 inch high quality CMOS sensor.
  Resolution is up to 4K with frame rate up to 30fps (MJPG) or 4K@15fps (H.264/H.265); compatible with 1080P and 720P.
- **ePTZ:** ePTZ and 4X digital Zoom
- **Built-in MIC:** two built-in omni-directional MIC pickups (3M distance); with unique noise suppression algorithm;
- **Dual stream:** USB supports both main code stream and sub-code stream output;
- **Auto Framing:** Employing superior face detection algorithm to intelligently and automatically frames all the people in the meeting
- **Wide FOV:** 120° wide angle and small distortion lens options
- **Low Noise and High SNR:** Low Noise CMOS effectively ensure high SNR of camera video, even in low light condition.
- **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 output interface; Plug and play.
- **Wide Applications:** personal video conferencing, enterprise video conferencing, collaboration meeting

Technical Specifications:

Model Number			VLCAM100
Camera Parameter			
Image Sensor	1/2.5 Inch High Quality 4K CMOS Sensor		
Effective Pixels	8.28MP 16:9		
Video output interfaces	1 Channel USB 3.0 output, Type B		
Audio input	2*Built-in MIC pickup		
Video Format	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		
View Angle		120°	
Focus		f=2.72mm	
Aperture		F2.5	
Digital Zoom	4X		
Minimum Illumination	0.1 Lux (F1.8, AGC ON)		
DNR	2D & 3D DNR		
Ultra-low illumination mode	On/off		
White Balance	Auto / Manual/ One Push//3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K		
Focus	Auto / Manual/ One Key Focus (MG200C-AM)		
Exposure	Auto / Manual		
Backlight contrast	On/off		
SNR	≥55dB		
Auto Framing	On / off / Sensitivity		
Dual Stream	On / Off		

USB Feature	
Operation Systems	Windows 7 (1080P or lower), Windows8, Windows10, Mac osx 10.10 or higher, Linux (UVC support)
Video Compression format	MJPG / H.264 / H.265 / YUY2
USB Audio	Support
USB communication protocol	UVC, UAC
PTZ control	Support EPTZ
Hardware Requirement	2.4 GHz Intel@ Core 2 Duo or higher，2GB or higher，USB 2.0 port(USB 3.0 for 4K)

Other Parameters	
Input Voltage	USB power supply: 5V
Input Current	USB power supply: 1A(max)
Power consumption	5W(Max.)
Store Temperature	-10℃～+60℃
Store Humidity	20%～90%
Working Temperature	-10℃～+50℃
Working Humidity	20%～80%
Dimension（WXHXD）	222mm×93.25mm×56.5mm
Weight	Around 0.53kg
Application	Indoor
Accessory	User Manual, USB3.0 Cable, Remote control

Dimension (unit: mm)