

# Logibird Conference ePTZ Camera



**LB-12U3H**



4K UHD



12× Optical  
Zoom



OLED  
Display



Remote  
Control



Multiple  
Interfaces

## Features:

- ◆ Zoom: 12X Optical Zoom
- ◆ 4K- 1080p-60 FPS video resolution
- ◆ 72.5 Degree field of view
- ◆ Multiple Interfaces
- ◆ Up to 255 presets
- ◆ Built-in Microphone
- ◆ Remote Control
- ◆ USB 3.0, HDMI, SDI, Rj45, RS232

# Product Specification

## ▼ Camera Spec

Signal System	HDMI: 4KP30, 4KP29.97, 4KP25, 1080P60, 1080P50, 1080I60, 1080I50, 1080P30, 1080P25, 1080P29.97etc
Sensor	1/2.5 inches, CMOS, Effective Pixels: 8.51 Megapixels
Scanning Mode	Progressive
Lens	12x, f=4.4mm~52.8mm, F1.8~F2.6
Digital Zoom	16x
Minimum Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	3D Digital Noise Reduction
SNR	≥ 55dB
Horizontal FOV	71° ~ 8.2°
Vertical FOV	42.7° ~ 4.5
Pan Angle	±170°
Tilt Angle	-30° ~ +30°
Pan Speed	1.7° ~ 76° /s
Tilt Speed	0.5° ~ 15° /s
Image Flip	Support
Image Freeze	Support
Poe	Support
Preset Position	255
Preset Accuracy	0.1°

## ▼ I/O

Network Interface	1 x RJ45: 10M/100M/1000M adaptive Ethernet , Support Poe
Audio Interface	1 × Line In/Mic In, 3.5mm Jack
Control Interface	1 x RS485: 2pin phoenix port, Max Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P; 1 x RS232 IN: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P; 1 x RS232 OUT: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA only
RESTORE Button	Support
Power Interface	JEITA type (DC IN 12V)

## ▼ USB Spec ( Only VX701RA Support )

Operating System Supported	Windows 7 (only supports UVC1.1 features), Windows 8 and above version, Mac OS X, Linux 2.4.6 and above version, Android needs to include the version of UVC-related drivers
Color System / Compression	YUY2 / H.264 / MJPEG
Video Format	YUY2:Max.1080P30 ( USB3.0 ) <sup>1</sup> ; YUY2:Max.1080P5 ( USB2.0 ) ; H.264 AVC: Max.2160P30 ; MJPEG:Max.2160P30
USB Audio	Support
USB Video Communication Protocol	UVC 1.1~1.5
UVC PTZ Control	Support

## ▼ Network Spec

Video Compression	H.265 / H.264 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	3840x2160, 1920x1080, 1280x720 etc.
Second Stream Resolution	720x480, 320x240 etc.
Video Bit Rate	First Stream: 32kbps~51200kbps Second Stream: 32kbps~20480kbps
Bit Rate Control	VBR, CBR
Frame Rate	50Hz: 1fps~50fps, 60Hz:1fps~60fps
Audio Compression	AAC、 G711A
Audio Bit Rate	96Kbps , 128Kbps
Protocols	NDI® HX2,SRT,TCP/IP HTTP,RTSP,RTMP,(s)Onvif, DHCP,GB/T 28181,Multicast,etc.

## ▼ Generic Spec

Input Voltage	DC 12V / PoE+(802.3af)
Input Current	1.5A (Max. )
Operating Temperature	-0° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Power Consumption	12W (Max. )
Dimension	238mm (W)x 132mm (D)x 166mm (H)
Net Weight	1.35kg



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