

# Logibird Conference PTZ Camera



**LB-20U3HT**



1080P  
Full HD



AI Intelligent  
Tracking



ISP Image  
Algorithm



Low  
Latency



Multiple  
Interfaces

## Features:

- ◆ Zoom: 20X Optical Zoom
- ◆ 2160p- 60 FPS
- ◆ 72..5 Degree (W) field of view
- ◆ Multiple Interfaces
- ◆ Preset 255
- ◆ 3.5 MP High-quality
- ◆ AI Tracking
- ◆ USB, HDMI, LAN

## ▼ Main Features

Uncompressed Video Output	<b>HDMI:</b> 4K60P, 4K59.94P, 4K50P, 4K30P, 4K29.97P, 4K25P, 1080P60, 1080P59.94, 1080P50, 1080P30, 1080P29.97, 1080I60, 1080I59.94, 1080I50, 720P60, 720P59.94;
Sensor	1/1.8 inches, CMOS, Effective Pixels: 8.42 Megapixels
Scanning Mode	Progressive
Focal length	20x, f = 6.25mm ~ 125mm, F1.58 ~ F3.95
Digital Zoom	16x(Max.)
Minimum Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Backlight Compensation	Support
Digital Noise Reduction	3D Digital Noise Reduction
SNR	55dB
Horizontal FOV	60° ~ 3.5°
Vertical FOV	35.7° ~ 2.0°
Pan Angle	±170°
Tilt Angle	-30° ~ +90°
Pan Speed	1.7° ~ 100° /s
Tilt Speed	1.7° ~ 69.9° /s
Image Flip	Support
Image Freeze	Support
PoE+	Support
Preset Position	255
Preset Accuracy	0.1°

## ▼ Interfaces

HD Output	1x HDMI: Version 2.0; 1x 3G-SDI: BNC , 800mVp-p, 75Ω, as per SMPTE 424M standard
Network Interface	1x RJ45: 10M/100M/1000M adaptive Ethernet
Audio Interface	1 x Line In: 3.5mm Jack; 1 x Line Out: 3.5mm Jack;
USB Interface	1 x USB C-TYPE 3.0
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
Power Interface	JEITA type (DC IN 12V)

## ▼ Network Features

Video Compression	H.265 / H.264 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	3840x2160, 1920x1080, 1280x720, 1024x576 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
Audio Bit Rate	96Kbps, 128Kbps

## ▼ USB Features

Operating System Supported	Windows 7, Windows 8, windows 10, windows 11, MacOS 11.6.6 or higher versions, Ubuntu 18.04.4 lts or higher versions, Android 8.0.0 or higher versions
Color System / Compression	YUY2 H.265 / H.264 / MJPEG
Video Format	YUY2 :Max.1080P5; H.264 : Max.2160P30; H.265 HEVC: Max.2160P30; MJPEG: Max.2160P30
USB Audio	Support
USB video Communication Protocol	UVC 1.1~1.5
UVC PTZ Control	Support

## ▼ General Specifications

Input Voltage	DC 12V/PoE+(802.3at)
Input current	2A (Max.)
Operating Temperature	0 ~ 40° C
Storage Temperature	-40 ~ 60°C
Power Consumption	18W (Max.)
Dimension	169mm x 142mm x 175mm
Net Weight	1.5Kg
Warranty	1 Year
Certification	CE,FCC,ROHS



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