B85 4k Tracking Al Broadcast camera

SKU:



FEATUES

The Edis B85 4k Tracking Al Broadcast camera is a Compatibel with NDI|HX2(Optional) NDI is ideal for broadcasting including broadcast studios, live broadcast, gymnasiums, arenas, churches and lecture halls, thanks to its high SNR and sultr-low latency.4KP60 UHD 1 / 2.8 inch UHD CMOS sensor with up to 8.40 megapixels offers4K (3840x2160) UHD images. Moreover, it'downward compatible with 1080P, 720P and other resolutions. 12x optical zoom 4K UHD lens with effective resolution of 8 megapixels, 12x optical zoom and FOV is up to 80.8°. HDMI2.0 HDMI2.0 supported, can directly output 4K uncompressed digital video.Al Tracking Embedded NPU hardware uses the deep learning technology to track the target's characteristics and allow smooth face tracking, no matter where the face is facing. The product is applicable to automatic tracking of speakers in lecture and presentation. Low light The application of 3D noise reduction algorithm greatly reduces image noise. Even under the condition of ultra-low illumination, it still keep the picture clean and clear, and the SNR of image is as high as 55dB.Multiple interfaces It supports HDMI 2.0 FHD output, and also equipped with a 3G-SDI interface. The effective transmission distance is up to 150 meters (1080p30). HDMI, USB3.0, LAN can simultaneously output 3 channels of highdefinition digital signals. Remote control The camera can be controlled remotely with the RS232, RS485 and LAN port. controled. Built-in gravity sensor Automatic image rotation supported for easy installation. Smart exposure Effectively solve the impact of projectors, televisions and other equipment on shooting.





I/O INTERFACE

Network Interface

HD Output 1x HDMI: Version 2.0; 1x 3G-SDI: BNC ,

800mVp-p, 75Ω, asper SMPTE 424M

standard

1x RJ45: 10M/100M/1000M adaptive Ethernet

Audio Interface 1x LINE IN: 3.5mm Jack

USB Interface 1x USB3.0, type-C type

Control Interface 1 x RS485: 3pin phoenix port, Max Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P;1 x RS232 IN: 8pin Mini DIN, MaxDistance: 30m, Protocol: VISCA /Pelco-D / Pelco-P;1 x RS232 OUT: 8pin Mini DIN, Max Distance:

USB FEATURES

Operating System

Supported

Windows 7, Windows 8, Windows

10, Mac OS X, Linux, Android

Color System / Compression YUY2 / H.264 / MJPEG / H.265

Video Format YUY2 : Max. 1080P/30;H.264 AVC: Max. 2160P/60;H.264 SVC: Max. 2160P/60;H.265 SVC: Max.

2160P/30;MJPEG: Max. 2160P/30

USB Audio Support
USB video UVC 1.1~1.5

Communication

	30m, Protocol: VISCA only	Protocol	
Power Interface	JEITA type (DC IN 12V)	UVC PTZ Control	Support
NETWORK FE	EATURES	GENERAL S	PECIFICATIONS
Video Compression	H.264 / MJPEG / H.265	Input Voltage	DC 12V / PoE+ (802.3at)
Video Stream	First Stream, Second Stream	Operating	0° C ~ 40° C
		Temperature	
First Stream	3840x2160, 1920x1080, 1280x720,	Storage	-40° C ~ 60°C
Resolution	1024x576 etc.	Temperature	
Second Stream	720x576, 720x480, 320x240 etc.	Power Switch/	Support
Resolution		Recovery key/	

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Resolution		Recovery key/	
		IR Remote Input	
Video Bit Rate	32kbps~51200kbps	Indicator lamp	Power State, Run State, TALLY Lamp
Bit Rate Control	Variable Bit Rate; Constant Bit Rate	Power Consumption	18W (Max.)
Frame Rate	50Hz:1fps~50fps, 60Hz:1fps~60fps	Dimensions	223 x 154.8 x 165 (mm)
Audio Compression	AAC, G711A	Net Weight	About 1.8kg
Audio Bit Rate	64Kbps, 96Kbps, 128Kbps		
Protocol	NDI® HX2, TCP/IP, HTTP, RTSP, RTMP,		
	Onvif, DHCP, Multicast, etc.		
Control Protocol	NDI® PTZ, VISCA Over IP		
	1080P25,1080I60, 1080I59.94, 1080I50,1080I29.97, 720P60, 720P50,720P30, 720P253G- SDI:1080P60,1080P59.94, 1080P50,1080P30,1080P29.97, 1080P25,1080I60,1080I59.94,		
	1080I50,1080I29.97,720P60,720P50		
Input (Touchscreen monitor)	VGA、HDMI input	White Balance	Auto, Indoor, Outdoor, One Push, Manual Specified color temperature
Touch	PCAP,10 points touch,	Backlight	support
		Compensation	
Display	HDMI/VGA 1024*600	Digital Noise Reduction	3D Digital Noise Reduction
	HDMI/VGA 1024*600 1/2.8", CMOS, Effective Pixel: 840M	_	3D Digital Noise Reduction ≥55dB
Display Sensor Scanning Mode		Reduction	-

Digital Zoom	16X
Minimal Illumination	0.5Lux @ (F1.8, AGC ON)
Pan Speed	1.7° ~ 100° /S
Tilt Speed	1.7° ~ 69.9° /S
Image Flip	Support
Image Freeze	Support

Pan Angle	±162.5°
Tilt Angle	-30° ~ +90°
PoE+	Support
Preset Position	255
Preset Accuracy	0.1°