FEELWORLD

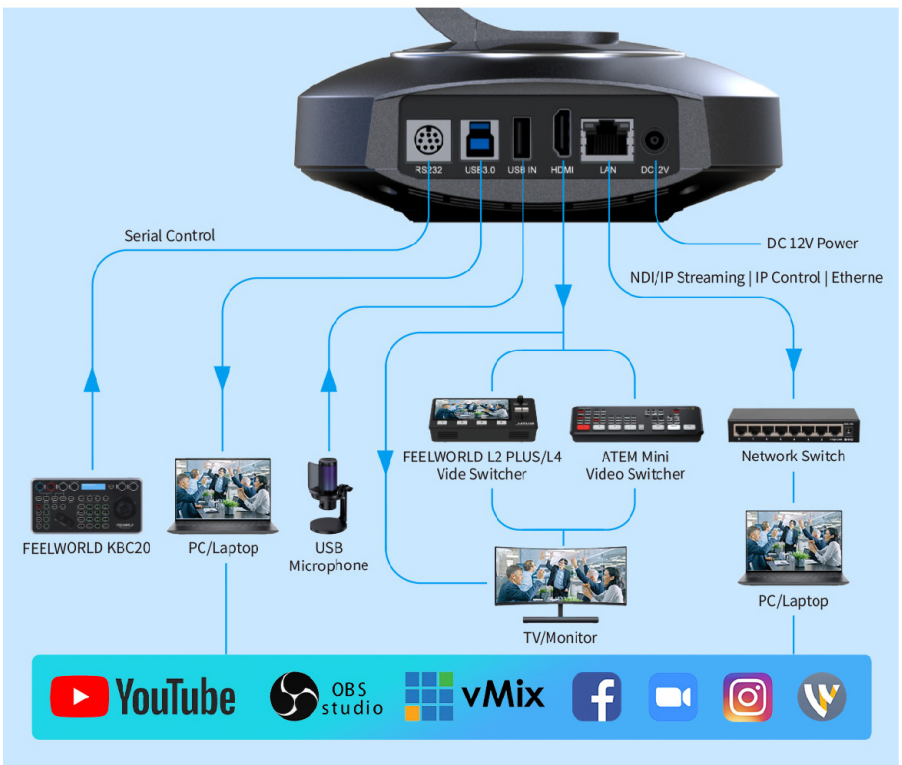
NDI 4K PTZ Streaming Camera

NDI10X

KEY FEATURES

- 8.29M megapixel high quality SONY CMOS sensor
- Up to 4K@30fps , presenting ultra clear and vivid image
- 10X optical zoom lens and 67.5° wide viewing angle
- NDI prfoessional live streaming
- Simultaneous HDMI, USB3.0, IP Streaming video out, easily for professional video production
- PoE(Power over Ethernet) supported
- Auto focus, smart frame capture everyone
- Supports H.265/H.264 encoding
- High speed and silent pan/tilt, capture all the actions
- Multiple control protocol and network protocol
- Real-time AI tracking and zone tracking
- Ideal for online education, live streaming, video conference, Tele-medicine, etc.

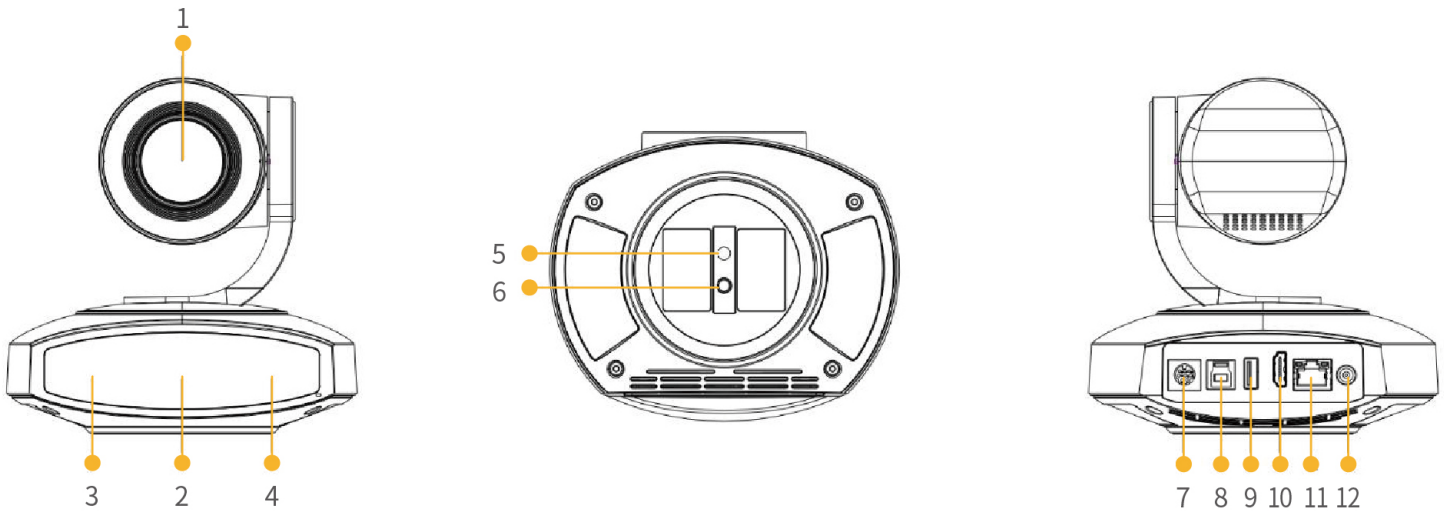
SUPERIOR COMPATIBILITY



PARAMETERS

Description	4K NDI PTZ Camera		
Model No.	NDI10X		
Camera Lens	Image Sensor	1/2.8 inch high quality HD CMOS sensor	
	Effective Pixels	8.29M、16：9	
	Video Signal	HDMI	4KP30/25 1080P60/59.94/50/30/29.97/25 720P60/59.94/50
		LAN	
		Main Stream	1920×1080/1280×720/640×480@30/25/20/15/10/5 fps
		Sub-stream	1280×720/640×360/640×480/320×240/320×180@30/25/20/15/10/5fps
		USB3.0	
		Main Stream YUY2/NV12	1920×1080/1280×720/1024×576/800×600/800×448/640×360/640×480/480×270/320×180@30/25/20/15/10/5fps
		MJPG/H264	3840×2160/2560×1440/1920×1080/1600×896/1280×720/1024×576/960×540/800×600/800×448/720×576/ 720×480/640×360/640×480/480×270/352×288/320×240@30/25/20/15/10/5fps
		Sub-stream YUY2/NV12	1920×1080/1280×720/1024×576/800×600/800×448/640×360/640×480/480×270/320×180@25/20/15/10/5fps;
		MJPG/H264	3840×2160/2560×1440/1920×1080/1600×896/1280×720/1024×576/960×540/800×600/800×448/720×576/ 720×480/640×360/640×480/480×270/352×288/320×240@30/25/20/15/10/5fps
	Optical Zoom	10X	
	Viewing Angle	H：7.6°（N）~67.5°（W）	
	Iris	F1.76 ～ F3.0±5%	
	Digital Zoom	16X	
	Minimum Illumination	0.5Lux(F1.8, AGC ON)	
	DNR	2D & 3D	
	White Balance	Auto/Manual/One-push/Specified Color Temperature	
	Focus	Auto/Manual/One-push	
	Exposure Mode	Auto, Manual, Shutter Priority, Iris Priority, Brightness Priority	
	Iris Mode	F1.8 ～ F11, CLOSE	
	Shutter Speed	1/25～1/20000	
	BLC	On/off	
	Dynamic Range	Off, 1 ～ 8	
	Video Adjustment	Brightness, Contrast, Saturation, W&B Mode, Horizontal flip, vertical flip, Digital Zoom, Minimum Illumination	
	SNR	>50dB	
Interface Parameter	Interfaces	HDMI、LAN(Support POE)、USB3.0、USB2.0、RS232-IN、DC12V Power Supply	
	Video Output	HDMI,LAN,USB3.0	
	Video Compression Format	LAN：H.264, H.265　　USB 3.0：MJPG,H264,YUY2,NV12	
	Audio Compression Format	AAC	
	LAN Interface	100M Ethernet port, support POE power supply, support audio and video output	
	Network Protocol	RTSP、RTMP、ONVIF、GB/T28181、VISCA OVER IP、IP VISCA、RTMPS、SRT、NDI，support remote upgrade, remote restart, remote reset	
	Control Interface	RS232-IN	
	Serial Port Communication Protocols	VISCA/Pelco-D/Pelco-P； Baud Rate 115200/38400/9600/4800/2400	
	USB Communication	UVC（Video Communication Protocols)，	
	Protocol	UAC（Audio Communication Protocols）	
	Power Supply	HEC3800 Power Socket(DC12V)	
	Power Adapter	Input: AC110V~AC220V ； Output: DC12V/2.0A	
	Input Voltage	DC12V±10%	
	Input Current	<1.2A	
	Consumption	≤13.3W	
PTZ Parameter	Pan Move	-125°～+125°	
	Tilt Move	-30°～+30°	
	Pan Speed	0.1°/s～65°/s	
	Tilt Speed	0.1°/s～35°/s	
	Preset Speed	Pan: 65°/s, Tilt: 35°/s	
	Preset Quantity	Up to 255 preset (10 via remote control)	
Other Parameter	Storage Temperature	-10℃～+70℃	
	Storage Humidity	20%～95%	
	Working Temperature	-10℃～+50℃	
	Working Humidity	20%～80%	
	Dimension	151.64mmX154.5mmX131.25mm	
	Unit Weight	1.0kg	
	Environment	Indoor	

STRUCTURE



1. Lens	5. Fixation Hole for Tripod	9. USB2.0 host in
2. Power Indicator	6. Screw Hole for Tripod	10. HDMI Output
3. IR Receiver	7. RS232	11. Network Interface
4. IR Receiver	8. USB3.0 Output	12. Power Input Socket (DC12V)

PACKAGING LIST

NDI10X PTZ Camera

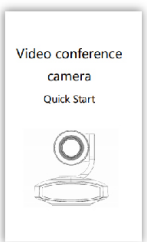
Power Adapter

Remote Controller

RS232 Serial Cable

USB3.0 Cable

Wall Mount Bracket



Quick Start Guide

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