

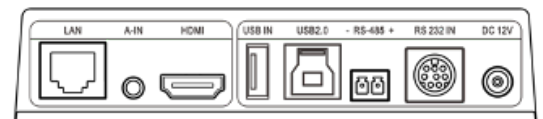
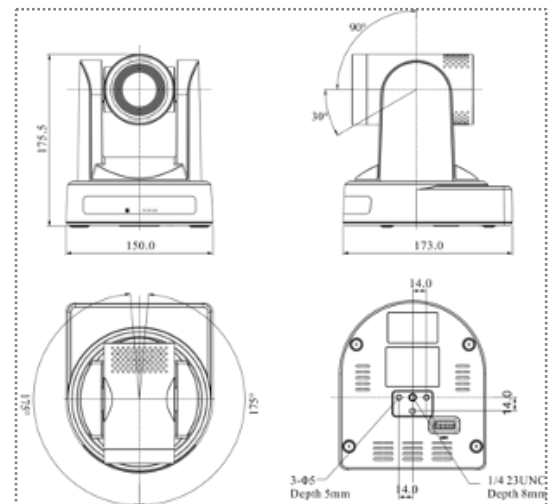


HDP20xU2 – High Def PTZ Camera 20x Zoom

HDP20xU2 is a High-definition PTZ Camera with 20x the optical zoom. It includes simultaneous USB 2.0, HDMI, & IP signal outputs and features Tri-Brid Technology with a RTMP Streaming Engine. Creating superior video quality, it's equipped versatile functions suit every classroom, hospital, or business.

Key Features:

- ☑ Effective Pixels: 1/2.8" HD CMOS, 1080P 2.1 Megapixels
- ☑ Zoom: 20X Optical Zoom f=4.7~94mm
- ☑ Adopt 2D and 3D DNR Motion Estimation Algorithm, Low Noise CMOS Sensor
- ☑ Multiple video output interfaces: Support HDMI, IP, and USB
- ☑ 1080P60/50/30/25, 1080I60/50, 720P60/50 Multiple Video Formats Output
- ☑ Adopt Quiet Motor, Servo Algorithm for PTZ Control, Precise location($\pm 0.01^\circ$)
- ☑ IR Remote Control, RS-232C, RS-485 Control
- ☑ 255 Preset Positions
- ☑ Desktop, Ceiling Mount, Wall Mount





Optical Parameter	
Sensor	HD 1/2.8" Exmore CMOS
Effective Pixels	2.1 Megapixels
Resolution	1080P60/50/59.94/30/29.97/25, 720P60/50/59.94/29.97
Optical Lens	20X Optical Zoom f=4.7~94mm, 12x Digital Zoom
Horizontal View Angle	3.2° (T) -55.8° (W)
Minimum Illumination	Colour : 0.1Lux, B&W : 0.01Lux
White Balance	Auto/Indoor/Outdoor/CCT/ATW/Manual
Exposure Control	Auto/SAE/AE/Manual
Supported Feature	Gain, WDR, BLC
Noise-Signal Ratio	≥52db

Interface Protocol		
Video Output	HDMI, IP, USB2.0	
Signal System	HDMI	1080p60/50/59.94/30/29.97/25, 720p60/50/59.94/29.97
	IP	1080p30/25/10, 1080i60/50, 720p60/50/30/25
	USB2.0	1080p30, 720p30, 800*600P30, 640*480P30, 240p30, 576p30
Multiple Network Protocols	Support onvif, RTSP and RTMP protocols; Support RTMP push mode and easily link streaming media servers (YouTube & Facebook Live); Support RTP multicast mode and network full command Visca control protocol	
Video Coding	H.264/H.265	
Audio In	1x3.5mm Line In	
Audio Coding Format	AAC, MP3, G711	
Audio Sample Frequency	8000, 16000, 32000, 44100, 48000	
Control Interface	RS-232(8 mini DIN), RS-485 (Pheonix)	
Control Protocol	VISCA, PELCO P/D	
Baud Rate	9600bps, 4800, 2400bps	
USB IN	Connect mouse, keyboard, omnidirectional microphone (with USB2.0 video output)	

Mechanical Parameter	
Pan-Tilt	Horizontal Angle: ±170° (Maximum speed: 100° /s);
	Vertical Angle: -30° to +90° (Maximum speed: 90° /s)
No. of Preset Positions	255
Power Adapter	AC110V-AC220V to DC12V/2A, DC12V(DC11.5-DC12.5V)
Working Temperature	32°F~113°F / 0°C~+45°C
Storage Temperature	14°F~140°F / -10°C~+60°C
Power Consumption	POE 14W & Non POE 12W
Dimensions	6.9"(L) x 5.9"(W) x 6.8"(H) in / 175.5(L) x150(W) x173(H) mm
Weight	0.22lbs / 1000g
Casing Color	Black
Accessories	AC Power Adapter, IR Remote Commander, Ceiling Bracket, User Manual