

Model No.	UV612A-4K	UV12A-4K	UV10A	UV20A	UV12A
Picture					
Image Sensor	Sony IMX415 1/2.8" CMOS		Sony IMX327 1/2.8" CMOS		
Effective Pixels	8.29MP, 16:9		2.07MP		
Optical Zoom	12x zoom	12x zoom	10x zoom	20x zoom	12x zoom
Lens	f=3.42-40.02mm	f=4.1-49.2mm	f=4.32-40.9mm	f=5.5-110mm	f=4.1-49.2mm
Aperture	F1.88~F3.77	F1.8-2.68	F1.76~F3.0	F1.6-3.5	F1.8-2.68
Horizontal Angle	80.56°(W)-7.89°(T)	70.28°(W)-6.57°(T)	67.5°(W)-8.8°(T)	55.8°(W)-3.2°(T)	70.28°(W)-
Vertical Angle	49.61°(W)-4.46°(T)	42.06°(W)-3.76°(T)	40.2°(W)-4.3°(T)	32.2°(W)-1.8°(T)	42.06°(W)-
Diagonal Angle	89.51°(W)-9.04°(T)	78.36°(W)-7.5°(T)	75.4°(W)-8.8°(T)	61°(W)-3.64°(T)	78.36°(W)-
Video Format	HDMI(4KP@60/50/30/25fps,1080P@60/50/30/25fps,720P@60/50/30/25fps); USB3.0(3840*2160P@30fps,2560*1440P@30fps,1920*1080P@30fps,1280*720P@30fps,640*480P@30fps,320*240P@30fps; YUY2/NV12/H.264/H.265/MJPG)	HDMI(4KP@30/25fps,1080P@60/50/30/25fps,720P@60/50/30/25fps); USB3.0(3840*2160P@30fps,2560*1440P@30fps,1920*1080P@30fps,1280*720P@30fps,640*480P@30fps,320*240P@30fps;YUY2/NV12/H.264/H.265/MJPG)	1080p@60/50/30/25fps, 720p@60/50/30/25fps		
Video Encoding Format	H.264, H.265, MJPG, YUY2				
Backlight Compensation	Support				
SNR	>50dB				
Focus	Auto / Manual				
Digital Noise Reduction	2D & 3D Noise Reduction				
Exposure	Auto / Manual				
I / O Interface					
Video Interfaces	HDMI, USB3.0, RJ45, SDI				
Video Compression	H.264, H.265, MJPG, YUY2				
LAN	10M/100M/1000M adaptive Ethernet port; Support POE IEEE802.3at				
Network Protocol	NDI HX2,RTSP, RTMP, ONVIF, GB28181; Support VISCA Over IP				
Control Protocol	VISCA/Pelco-D/Pelco-P; Baud Rate: 9600/4800/38400/2400				
Control Interface	RS232, RS485,USB3.0 TYPE-B(UVC1.1),RJ45				
PTZ Parameter					
Pan/Tilt Rotation	±175°, -90°~+90°				
Pan Control Speed	0.1 -80°/sec				
Tilt Control Speed	0.1 -60°/sec				
Preset Number	User can set up to 255 presets (10 presets by IR remote)				
General Parameter					
Operation Systems	Windows 7, Windows 8.1, Windows 10, Windows 11; Android, Mac OS™ 10.10 or higher, Linux (Required to support UVC.)				
Input Voltage	DC 12V				
Input Current	2.0A (Max.)				
Power Consumption	13W (Max.)				
Store Temperature	-10℃~+60℃				
Store Humidity	20%~90%				
Working Temperature	-10℃~+50℃				
Working Humidity	20%~80%				
Dimension (W*H*D)	171.6*192.6*171.6mm/ 260*217*197mm (before/ after packing)				
N.W. / G.W.	1.35kg/ 2.05kg (Net/ Gross weight)				
Accessory	1 x Camera; 1 x USB Cable; 1 x Power Adapter; 1 x Wall Mount; 1 x Manual				
Mfg. Warranty	3 Years standard Parts & Labor warranty				