

Model No.	UHD3U	UHD10U	UHD12U	UHD20U	UHD12U-4k	UHD10H	UHD20H	UHD12H
Interfaces	 							
Sensor	1/2.8"SONY CMOS				1/2.8"SONY CMOS	Sony IMX327 1/2.8" CMOS		
Effective Pixels	2.38 mega pixel				8.29mega pixel	2.07MP		
Video Signals	1080p@60/50/30/25fps, 720p@60/50/30/25fps				4K@25/30,1080p@60/50/30/25fps, 720p@60/50/30/25fps	1080p@60/50/30/25fps, 720p@60/50/30/25fps		
Zoom	3x optical zoom	10x optical zoom	12x optical zoom	20x optical zoom	12x optical zoom	10x optical zoom	20x optical zoom	12x optical zoom
Lens	f=2.38-7mm	f=5.76-46.09mm	f=3.42-40.02mm	f=5.9-94.4mm	f=3.42-40.02mm	f=4.32-40.9mm	f=5.5-110mm	f=4.1-49.2mm
Aperture	F1.96-3.64	F1.8-2.6	F1.88-3.77	F1.8-3.9	F1.88-3.77	F1.76~F3.0	F1.6-3.5	F1.8-2.68
Horizontal Angle	103.69°(W)-42.12°(T)	54.7°(W)-6.8°(T)	80.56(W)-7.89°(T)	52.1°(W)-3.4°(T)	80.56(W)-7.89°(T)	67.5°(W)-8.8°(T)	55.8°(W)-3.2°(T)	70.28°(W)-
Vertical Angle	67.14°(W)-24.87°(T)	30.8°(W)-3.8°(T)	49.61°(W)-4.46°(T)	29.3°(W)-1.9°(T)	49.61°(W)-4.46°(T)	40.2°(W)-4.3°(T)	32.2°(W)-1.8°(T)	42.06°(W)-
Diagonal Angle	113.91°(W)-47.55°(T)	62.8°(W)-7.8°(T)	89.51°(W)-9.04°(T)	59.8°(W)-3.9°(T)	89.51°(W)-9.04°(T)	75.4°(W)-8.8°(T)	61°(W)-3.64°(T)	78.36°(W)-7.5°(T)
Video Output	USB 3.0, HDMI					HDMI, USB3.0, RJ45		
LAN	/					10M/100M adaptive Ethernet port; Support POE		
Network Protocol	/					NDI HX2,RTSP, RTMP, ONVIF, GB28181; Support VISCA Over IP		
Video Encoding Format	H.264, H.265, MJPG, YUY2							
Video Resolution	1080P (1920 *1080) etc				4K (3840*2160)	1080P (1920 *1080) etc		
Signal Standard	NTSC/PAL							
Preset Position	User can set up to 255 presets (10 presets by IR remote)							
Control Interface	RS-232 (input only), RS-485, USB							
Shutter	1/30s-1/10000s, auto							
Baud Rate	2400/4800/9600/38400bps							
Control Protocol	VISCA, PELCO-D, PELCO-P(RS-232, RS-485)							
USB Protocol	UVC1.1							
Minimal Illumination	0.1Lux							
SNR	≥50dB							
Horizontal Rotation	350° (±175°) 0.1°/s~100°/s							
Vertical Rotation	180° (±90°)0.1°/s~80°s							
Power Supply	DC 12V/2A							
Power Consumption	12W							
Work Temperature	0°~+50°							
Work Humidity	0~95% RH							
Product Size	212*152*170mm/285*217*197mm(before / after packing)							
Product Weight	1.2kg/2.3kg (net / gross weight)							