VX60CL 4K Ultra Video Conference Camera
Ultra HD 4KP60, a new generation of ISP
HDMI + SDI + IP + USB four-way simultaneous output video
20X optical zoom

Main Features	● **4K Ultra-high resolution** Using 1/1.8-inch UHD CMOS sensor with a maximum of 8.42 megapixels, high quality images in 4K (3840x2160) can be achieved. And downward compatible with 1080P, 720P and other resolutions. ● **20x optical zoom** High-quality & ultra-high resolution 4K lens, 20x optical zoom, horizontal field of view over 60 °. ● **HDMI2.0** Support HDMI 2.0 specification, can directly output 4K uncompressed digital video. ● **Low power sleep function** Supports low-power sleep / wake-up function, and consumes less than 400mW in sleep mode. ● **Low illumination** The ultra-high noise-to-noise ratio of the new CMOS image sensor can effectively reduce the image noise in low illumination conditions, and the 2D and 3D noise reduction algorithms can greatly reduce the image noise, even in the case of ultra-low illumination, keep the picture clean and clear. The image signal to noise ratio is as high as 55dB or more. ● **Rich and complete interface** Support HDMI2.0 HD output, and also equipped with 3G-SDI interface, the effective transmission distance up to 150 meters (1080p30). HDMI, 3G-SDI, USB3.0, LAN four channels can simultaneously output 4 channels of high-definition digital signals. ● **Remote control** A variety of control methods, RS232, RS485, network and USB can be used to control the camera. ● **Built-in gravity sensor** Support image auto flip function for easy installation and use. ● **Intelligent exposure** Effectively solve the impact of projector, TV and other high light equipment on shooting people.
Model	VX60CL
Name	4K Ultra HD Video Conference Camera
Camera	
Video System	HDMI: 4K@60/50/30/25/59.94/29.97fps, 1080P@60/50/59.94/30/29.97fps, 1080I@60/50/59.94fps, 720p@60/59.94fps 3G-SDI: 1080P@60/50/30/59.94/30/29.97fps, 1080I@60/50/59.94fps, 720p@60/59.94fps
Sensor	1/1.8", CMOS, Max Effective Pixel: 8.42M
Scanning Mode	Progressive
Lens	20x, f = 6.7mm ~ 125mm, F1.58 ~ F3.95
Digital Zoom	16x
Minimal Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, Specified color temperature
Backlight	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of	60° ~ 3.5°
Vertical Angle of View	35.7° ~ 2.0°
Horizontal Rotation	±170°
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	1.7° ~ 100°/s
Tilt Speed Range	1.7° ~ 69.9°/s
H & V Flip	Support
Image Freeze	Support

PoE	Support
Face Detection	Support(opional)
Number of Preset	255
Preset Accuracy	0.1°
USB Features	
Operate System	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Color System /	YUY2 / H.264 / MJPEG / H.265
Video Format	YUY2 : max to 1080P@30fps H.264 AVC: Max to 2160P@60fps H.264 SVC: Max to 2160P@60fps MJPEG: Max to 2160P@60fps H.265: Max to 2160@60fps
Audio on USB	Support
USB Video	UVC 1.1~1.5
UVC PTZ	Support
Network Features	
Video Compression	H.265 / H.264 / MJEPG
Video Stream	Main Stream, Sub Stream
Main Stream	3840x2160, 1920x1080, 1280x720, 1024x576, etc.
Sub Stream Resolution	1920x1080, 1280x720, 720x576, 720x480, 320x240, etc.
Video Bit Rate	32Kbps ~ 51200Kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Audio Compression	AAC, G711
Audio Bit Rate	48Kbps, 64Kbps, 96Kbps, 128Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, GB/T2818, Multicast, etc.
Input/Output Interface	
HD Output	1xHDMI: Version 2.0
	1x3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard
Network Interface	1xRJ45: 10M/100M Ethernet Interface, POE supported
Audio Interface	1-ch: 3.5mm Audio Interface, Line In/Mic in
USB	1xUSB3.0: Type C, Up to 4K@60fps compressed video and 1080P original video
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
	1xRS232 Out: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only
	1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-
Power Jack	JEITA type (DC IN 12V)
Generic Specification	
Input Voltage	DC 12V / PoE (802.3af)
Current Consumption	1.0A (Max)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	12W (Max)
Size	169mm x 142mm x 164mm
Net Weight	1.35Kg (3.0lb)
Product Picture	