

Professional HDMI IP USB Interface 4K Video Conference Camera Video Conferencing Device

Type: Video Conferencing System

Video: Video

Communication: Wired

Pointing Feature: Hyper cardioid



Product Description

VCC-HD412 PTZ Optic HDMI SDI IP Output NDI 20X Zoom NDI Video Conference PTZ Camera

4K Ultra HD

Using a new generation of SONY 1 / 2.8 inch, the largest 2.14-million-pixel high-quality UHDCMOS sensor, 4K (3840x2160) ultra-high resolution high-quality images. And compatible with 1080P, 720P resolutions.

HDMI 2.2 support

Support HDMI 2.2 specifications, output uncompressed 4K original video.

Very low latency

Unique patent 4K video ISP program, the industry's first video delay in the line level, is the real-time requirements of the industry preferred.

Rich and perfect interface

Support HDMI, SDI (6G-SDI, 12G-SDI (optional)), both can output 4K video.

20X wide-angle lens

Using high-quality ultra-wide focus lens, the maximum field of view up to 90 °, optical zoom up to 20 times.

Low illumination

Ultra-high noise ratio of the new CMOS image sensor can effectively reduce the low noise in the case of image noise, while the application of 2D and 3D noise reduction algorithm, significantly reducing the image noise, even under low light conditions, still keep the screen clean and clear, The image signal to noise ratio as high as 55dB or more.

Remote control

Support RS232 serial port,VISCA (IP), USB you can control the camera.

AI Tracking Camera

Auto zoom in/out during tracking. Smooth & Intelligent tracking capability. Easy setup & configure.

Camera	
Video System	4K@60fps(optional), 4K@59.94fps(optional), 4K@50fps(optional), 4K@30fps, 4K@29.97fps, 4K@25fps, 1080P@60fps, 1080P@59.94fps, 1080P@50fps, 1080I@60fps, 1080I@59.94fps, 1080I@50fps, 1080P@60fps (IP),1080P@30fps, 1080P@29.97fps, 1080P@25fps, 720P@60fps,720P@59.94fps, 720P@50fps,720P@30fps, 720P@29.97fps,720P@25fps
Sensor	1/2.8", CMOS, Max Effective Pixel: 2.14M
Scanning Mode	Progressive
Lens	20x Optical / 12x Digital, f = 3.3mm ~ 9.7mm, F2.0 ~ F3.7
Minimal Illumination	0.5 Lux @ (F2.0, 30FPS)
Shutter	1/3s ~ 1/10000s (50Hz, 60Hz)
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Exposure	Auto, Manual
WDR	Support
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Frequencies	50Hz, 60Hz
Video S/N	≥55dB
Distance (Minimum)	0.5m (Wide) - 1.0m (Tele)
Display Field of View	90° ~ 35.8°
Horizontal Angle of View	82.6° ~ 31.7°
Vertical Angle of View	51° ~ 17.9°
Horizontal Rotation Range	±170°
Vertical Rotation Range	±90°
Pan Speed Range	1° ~ 100°/s
Tilt Speed Range	10.8° ~ 100°/s
H & V Flip	Support
Number of Preset	255
Preset Speed	1° ~ 200°/s
Preset Accuracy	0.1°
Web UI (IP)	Support
AI Tracking	1x Priority tracking area + 8x blocking zones

Audio	
Microphone	Omnidirectional x2
Audio Pickup	5m
Noise Suppression	Support
Maximum SPL	129 dB SPL at 0.5m.
Sensitivity	-33 dBFS
Codec	AAC-LC (48, 32, 16, 8K), PCM (48K)
Frequency Response	30Hz - 20KHz
Interface & Feature	
Output	Network Interface (IP)
	1xSDI: type BNC, 800mVp-p, 75Ω, SMPTE ST 2081-1, 292M, 424M standard
USB Interface	1xUSB 3.0 (or 3.1 optional): type B female jack / Control: USB
USB Video Class	UVC 1.1
USB Audio Class	UAC 1.0
Video Format (USB / IP)	YUY2 (BULK): max to 1080P@60fps YUY2 (ISOC): max to 1080P@30fps H.264 AVC: max to 1080P@60fps H.264 SVC: max to 1080P@30fps MJPEG: max to 1080P@30fps
Audio in	3.5mm
Network	1xRJ45: 10M/100M Ethernet Interface / Control: VISCA (IP), CGI (IP)
Network Protocol	IPv6, IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IP
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	JEITA type (DC IN 12V)
Generic Specification	
Input Voltage	DC 12V
Current Consumption	2.5A
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	15W
Size	173mm x 240mm x 193mm
Net Weight	2.83Kg
Certificate	CE, FCC, RoHS