High-Definition Video Conference Camera

DC-VC4K-H2

DESCRIPTION:

DGX Digital's DC-VC4K-H2 video conferencing camera is meticulously engineered to elevate communication within small and medium-sized conference spaces. This high-performance solution integrates a premium image sensor with advanced functionalities, guaranteeing exceptional visual clarity and natural audio fidelity for a truly professional and engaging meeting experience. By combining superior video quality, exceptional audio capture, and user-friendly features, the DGX Digital DC-VC4K-H2 empowers you to transform small and medium conference rooms into productive and collaborative workspaces.

FEATURES:

- **High-Definition Imaging:** Capture stunning 1080p resolution with the integrated 2K high-definition image sensor, guaranteeing crisp and detailed video presentations.
- **Expansive Field of View:** The 108° ultra-wide horizontal viewing angle effortlessly accommodates all attendees within the conference space, even in tightly configured rooms.
- **Enhanced Flexibility with EPTZ:** Enjoy the flexibility of digital Pan/Tilt/Zoom (EPTZ) functionality. Utilize the included remote control to adjust the view and focus on specific areas of the room with an approximate 3x zoom capability.
- **Picture-in-Picture Functionality:** Enhance presentations and discussions by showcasing a speaker's close-up while simultaneously displaying the entire meeting space for optimal context.
- **Exceptional Audio Performance:** Built-in high-sensitivity 360° microphones with advanced noise reduction technology capture clear and intelligible audio from up to 5 meters away, ensuring every voice is accurately transmitted.
- **Streamlined User Experience:** The DC-VC4K-H2 features a convenient Type-C interface for efficient power supply and effortless plug-and-play functionality via USB, with support for UVC and UAC protocols for seamless compatibility.
- **Versatile Mounting Options:** The camera's adaptable design allows for desktop, tripod, or wall mounting, enabling optimal placement within your specific conference room configuration.

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SPECIFICATION:

Model	DC-VC4K-H2	DC-VC4K-H3
Image Sensor		
Sensor	1/2.8" CMOS, 8.29 megapixel	
Focus	F=3.6-10.8mm	f=4.7-47mm
Zoom	3x	10x
Iris	F1.7 ~ F3.3	F2.36 ~ F2.4
HOV	90.0° ~ 30.0°	60.0° ~ 6.0°
Focus System	Auto, Manual	
Exposure Control	Constant aperture, Auto	Constant aperture, Auto
Shutter Speed	1/25 ~ 1/10,000 S	
White Balance	Auto, Indoor, Outdoor, ATW, Manual	
Digital Noise Reduction	2D/3D	
S/N Ratio	≥50dB	
Backlight Compensation	Support	
Wide Dynamic	Support	
Image Flip	Image reverse, Mirror flip	
Image Style	Normal, Clear, Bright, Beauty	
Screen Pattern	Horizontal screen, Vertical screen	
60fps System	Supports up to 60 frames at and below 1080p	
Video Adjustable Parameters	Brightness, Contrast, Hue, Saturation, Clarity, Gamma curve, Gain	
AI	Support	N/A
OSD Menu	English	
PTZ Parameters		
Pan Movement	-165° ~ +165°	
Tilt Movement	-30° ~ +30°	
Pan Movement Speed	0.1° ~ 40°/S	
Tilt Movement Speed	0.1° ~ 40°/S	
Speed Match	Support	
Protocol	VISCA, PELCO-D	
Preset Position	64 (including special preset position)	
Baud Rate	38400bps, 9600bps, 4800bps, 2400bps	

DGX DIGITAL

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Interface	
Power Supply	DC IN 12V
Interface	1x RS-232 IN/ 1x RS-485
USB Interface	1x USB2.0 type-B, support UVC
	H.264, MJPEG: 2160P, 1440P, 1080P, 1600x896, 1024x768, 1024x576, 720P, 540P, 848x480, 800x600, 800x448, 720x576, 640x480, 360P, 480x272, 352x288, 320x240YUY2: 848x480, 800x600, 800x448, 720x576, 640x480, 360P, 480x272, 352x288, 320x240
	MJPEG: 30 fps
	H.264: 2160P@20fps，other resolution support 30fps
	YUY2: 848x480, 800x600, 800x448 @25fps, other resolution support 30fps
Other	
Consumption	<12W
Working Environment	Working temperature 0 ~ 50, Working humidity 10% ~ 95%
Dimension(LxWxH)	180mm x 112mm x 129mm
Weight	655g
Color	Silver