

4K Ultra HD PTZ Camera

DC-PTZ4K-A1



DESCRIPTION:

Upgrade your video conferencing experience with the DGX Digital DC-PTZ4K-A1 4K Ultra HD Video Conferencing PTZ Camera. This camera is specifically designed for small and medium meeting rooms, ensuring clear and professional communication. It integrates smoothly with both domestic and international software conferencing platforms. Utilizing a high-performance DSP algorithm, the camera quickly focuses on every focal point in the conference room, ensuring clear and precise images. With its versatility, exceptional image quality, and user-friendly design, the DGX Digital DC-PTZ4K-A1 Full HD Video Conferencing Camera is the perfect solution for conducting flawless video conferences in any small or medium meeting space.

FEATURES:

- **Universal Compatibility:** Works seamlessly with Windows, Android, and Mac OS operating systems, along with various domestic and international conferencing platforms.
- **Exceptional Image Quality:** Equipped with a high-performance SONY CMOS sensor (2.1 million pixels) for crisp 1080P resolution, even in low-light conditions (thanks to the high signal-to-noise ratio).
- **Automatic Focus and Adjustment:** The camera features a DSP algorithm for quick and accurate focus adjustments, keeping everyone in the meeting room in view. You can further fine-tune settings using the remote control.
- **Flexible Zoom Options (Optional):** Choose between a 3x or 10x optical zoom lens to cater to different meeting room sizes and layouts (horizontal viewing angles of 84° and 62° respectively).
- **Simplified Installation:** This plug-and-play camera requires no additional drivers, making setup a breeze.
- **Multiple Mounting Options:** Mount the camera on a desktop, wall, ceiling, or even use a tripod for ultimate flexibility based on your meeting room configuration.

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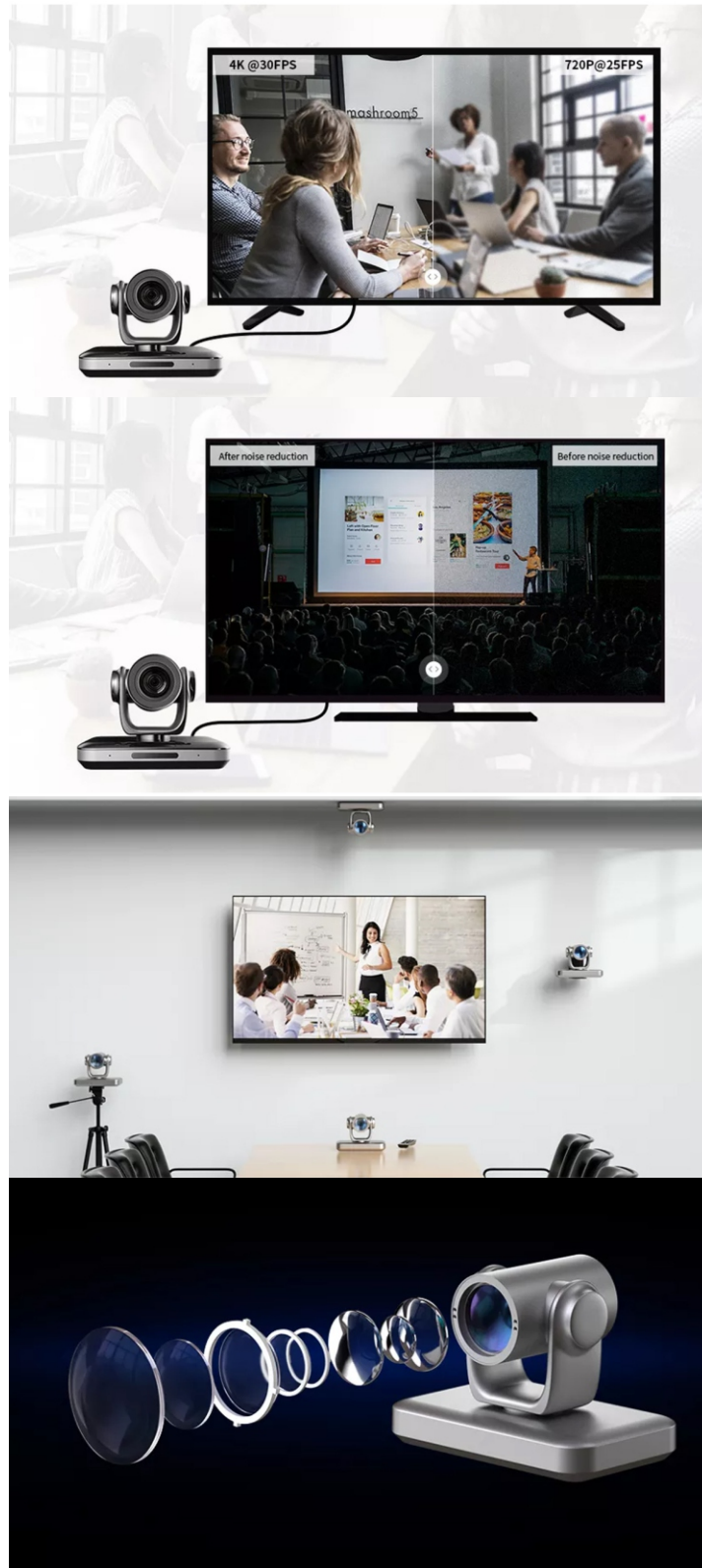
SPECIFICATION:

Model	DC-PTZ4K-A1	DC-PTZ4K-A2
Sensor	1/2.8" Progressive COMS, 8.42 megapixel	
Zoom	12X	18X
Focus	F=4.14-47.08mm	f=5.2-98mm
Iris	F1.8 -F2.8	F1.5 -F3.0
Hov	6.57° -70.28°	3.2°-55.8°
Min Illumination	0.5Lux at F1 .6	
Shutter	1/25-1/10,000 S	
White Balance	Auto, Shutter Priority	
Line In	3.5mm Audio Input Socket	
S/N Ratio	≥50dB	
Backlight Compensation	ON/OFF	
Gain Control	Auto	
Image Flip	Image reverse, Mirror flip	
OSD Menu	LENS OSD, DOME OSD	
OSD Menu	English	
PTZ Parameters		
Horizontal Movement	-165° - +165°	
Tilt Movement	-30° - +90°	
Horizontal Movement Speed	0.1°- 40°/S	
Tilt Movement Speed	0.1°- 40°/S	
Speed Match	Support	
Command Protocol	VISCA, PELCO-D	
Preset Position	255 (including special preset position)	
Baud Rate	38400bps, 9600bps, 4800bps, 2400bps	
Network Protocol	RTSP, RTMP, ONVIF	
Input/Output Connectors		
DC IN	DC IN 12V	
Video output Interface	3G-SDI,DVI-I, USB2.0, LAN(DVI-I to HDMI, YPbPr)	
Video output	HDMI: 4KP30fps, 4KP25fps, 1080P60fps, 1080P50, 1080P30, 1080P25, 720P60, 720P50 3G-SDI: 1080P60fps, 1080P50, 1080P30, 1080P25,720P60,720P50	

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Communication Control Interface	1x RS-232C IN: 8 pin DIN, 30m max., VISCA/PELCO-D/PELCO-P protocol, 1x RS-232 Out: 8 pin DIN, 30m max, VISCA/PELCO-D/PELCO-P protocol; 1x RS422: 4 PIN Phoenix, 1200m max distance, VISCA/PELCO-D/PELCO-P;	
Video Connectors	HDMI1.4b X 1 1X 3G-SD1; BNC type, 800mVp-p, 750, SMPTE 424M standard;	
LAN	1xRJ45: 1 OM/1 QOM/self-adaptable LAN	
AUDIO INPUT	1X 3.5mm AUDIO IN	
USB connector	1x USB 3.0 type-C	
Network Features		
Video Encoding	H.265/H.264/MJPEG	
Streaming	Main stream: 3840x2160, 1920x1080, 1280x720, 1024x576 Sub-stream: 720x576,720x480,320x240	
Video Bit Rate	Main stream: 32kbps-51200kbps Sub-stream: 32kbps-20480kbps	
Bit Rate Control	Variable or fixed bit rate	
Frequency	50Hz: 1fps-50fps	60Hz: 1 fps-60fps
Audio Encoding	AAC, G711A	
Audio Bit Rate	96kbps, 128kbps	
Network Protocols	TCP/IP, HTTP, RTSP, RTMP/RTMPS, Onvif, DHCP, Multicast, GB/T28181	
USB Connector Info		
Support OS	Windows 7, Windows8, Windows10, Windows11, MacOSX, Linux2.4.6 or later versions, Android included UVC related driver versions.	
Color Space	YUY2/H.264/H.265	
Video Output Format Max.	YUY2: 1 080@60fps	H.264: 2160@30fps
USB Audio	H.265 HEVC: 2160@30fps UVC1 .1, UVC1 .5	MJPEG: 2160@30fps
UVC PTZ Control	Supported	
General Information		
Power supply	JEITA Type DC12V±10%,2A or PoE(802.3af)	
Working Environment	Working Temperature 0 -50, Working Humidity 10% -95%	
Dimension(LxWxH)	250mmx140mmx154mm	
Weight	1400G	
Color	Silver	

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Disclaimer: As per our company policy one of the constant product improvements the right is there for reserved to modify the product specification without prior notice and the picture shown in the datasheet is a design base, the actual picture may vary.