

KD6-S080M12xA 8MP x12 Zoom 4K Professional Conference PTZ Camera



DESCRIPTION

The KD6-S08M12xA 4K professional PTZ camera is designed especially for conference applications and online streaming providing ultra-silent operation, smooth movement, detailed images in addition to built-in gravity sensor for automatic reverse function.

The professional conference PTZ camera is equipped with 8.5MP 1/2.8-type Sony CMOS image sensor, automatic focus, aperture, shutter and white balance maintaining outstanding crisply detailed vibrant images.

This camera has professional 12x optical zoom and 16x digital zoom to ensure that every detail is seen clearly.

The KD6-S08M12xA is furnished with HDMI, LAN (POE), USB3.0, RS-232-in & out; RS-422 interfaces to meet various conferencing requirements.

MAIN APPLICATIONS

- Audio Visual Applications, Conference Halls and Large Meeting Rooms.
- Online Video Conferencing and Display Applications in Training Center, Meeting Rooms, House of Worship and Multi-purpose Halls.
- Professional Streaming in Auditoriums, Professional Studios, Official Governmental Meetings, Theatres and Live Performances.

MAIN FEATURES

- **8MP 1/2.8" CMOS Sensor**
- **4K@60/50 fps**
- **HDMI, USB 3.0, LAN**
- **x12 Optical Zoom, 16x Digital Zoom**
- **Supports Various Operating Systems**
- **255 Presets**
- **ONVIF Support**
- **Advanced 2D/3D Noise Reduction**
- **Operational Versatility**
- **Audio Input**
- **0.05 Lux Illumination**
- **Remarkable Performance**
- **Supports Multiple Control Protocols**
- **Auto Focus**
- **RS-232, RS-422 Interfaces**
- **Ultra-Silent Operation**

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TECHNICAL SPECIFICATIONS

CAMERA

Image Sensor	1/2.8" Sony CMOS Sensor
Scanning Type	Progressive
Total Pixels	3840(H) x 2160(V) = 8.29 M Pixels
Video Format	HDMI: 4K@60/50fps USB3.0: 1080p @30/25fps
Min Illumination	Color 0.05 lux BW 0.01lux
S/N Ratio	more than 50dB
Video Output	HDMI, USB3.0, LAN (H.264, H.265)
Video System	PAL/NTSC

LENS

Lens Type	x12 Day & Night Zoom Lens
Zoom Ratio	Optical x12, Digital x16 Zoom
Aspect Ratio	16:9
Aperture Ratio	F1.6 (wide) ~ F2.8 (tele)
Angle Of View (H)	WIDE 69° TELE 6.5°

PAN / TILT

Pan	±170° Pan, 0.1° to 120°/sec
Pan Speed	± 0.1°Accuracy
Tilt	-30°to 90° tilt angle, 0.1° to 80°/sec
Tilt Speed	Max 250°/sec, ± 0.1°Accuracy
Preset	255 points, less than 0.1°accuracy

CAMERA FUNCTIONS

Operating System	Windows 7, Windows 10, Mac OS X, Linux
Resolution	HDMI: 4K@60/50fps, 4K @30/25fps,1080p@60/50fps, 1080p @30/25fps, 1080i @60/50fps, 720p@60/50fps USB3.0, H.264, MJPEG: 1080p@30/25fps, 1280x720 @30/25fps, 1024x576@30/25fps, 1800x448@30/25fps, 640x480/360@30/25fps, 320x176@30/25fps,
Day & Night	Auto
Focus	Auto
Aperture	Auto
Shutter	Auto
Exposure Control	Auto/Manual
Gain Control	Manual
White Balance	Auto /ATW / Manual
Shutter Speed	1/25-1/10,000
DNR	2D+3D
BLC	Available
Image Flip	Available
HD Video Output	HDMI, LAN, USB3.0
Protocol	Pelco-D / Pelco- P, VISCA (optional)
Audio	Available
Remote Control	Optional



Every effort has been made to ensure that all the information in this document was correct at the time of going to press. However we are constantly striving to improve our range wherever possible and therefore reserve the right to change the specification of any product without prior notice

R&D is constantly improving our products therefore specifications, features and appearance are subjected to change without notice

INTERFACE

HD Video Output	HDMI, LAN, USB3.0
Video Compression	LAN: H.264, H.265 USB3.0: H.264,MJPG, YUY2, NV12
Remote Control Interface	RS-232 in & out, RS-422 (Compatible with RS-485)
Audio Interface	Double track 3.5mm linear input
Audio Compression	AAC, MP3, G.711A
Audio Output	HDMI, LAN, USB3.0
LAN	10/100/1000
Network Protocol	RTSP, RTMP, ONVIF
USB Protocol	UVC (video), UAC (Audio)

GENERAL

Power Source	DC12V
Power Consumption	12 watt
ONVIF	Available
Mount	Wall/Ceiling
Ingress Protection	Not available
Dimensions (mm)	181x115x149
L x W x H	
Weight	1.15Kg

ENVIRONMENT

Storage Temperature	-10°C to +60°C, 14° to 140°F
Operation Temperature	-10°C to +50°C, 14°F to 122°F
Humidity	80%RH to at least +65°C (non condensing) 80% RH to at least-149°F (non condensing)
Altitude	3000 meter maximum, 10,000 feet maximum

DIAGRAM



Image is Illustrative.

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