

4K HD PTZ Camera

iSmart Video



AMC-G500

AMC-G500 supports lecturer tracking feature based on deep learning algorithm. It's equipped with 4K UHD CMOS, 12X wide-angle lens with no distortion, as well as rich interfaces such as RJ45, HDMI, SDI, and USB etc. It's widely used in various applications such as education, meeting and broadcasting etc.

Auto Lecturer Tracking

- Based on deep learning, the PTZ can smoothly track lecturers of various heights and keep the lecturer in the central image;
- Fast, precise and smooth focus.



4K60 Ultra HD Video

- 1/2.8" 4K CMOS, 8.46MP brings ultra HD video of superb clarity, quality;
- High quality 12X optical 4K lens, FOV up to 81°, no distortion;
- H.264/H.265, 4K60, POE.

Rich Interfaces, High Compatibility

- HDMI 2.0, supporting 4K60;
- USB2.0 with UVC/UAC protocol, supporting 4K30 compressed video;
- RS232 in/out, VISCA protocol;
- 1 channel LINE IN.



Technical Data

Model	AMC-G500	
Camera parameters		
Image Sensor	1/2.8" CMOS, 8.46MP	
Lens	12X, f=3.4mm~40.3mm, F1.8-F3.6	
Field Of View	81°~7.6°	
Image	Auto focus, auto exposure, auto white balance	
SNR	2D & 3D DNR, ≥55dB	
Video output format	4KP60/P50/P30/P25, 1080P60/ P50/P30/P25, 720P60/P50	
Image Compression	H.264/H.265/MJPEG	
BLC/WDR	Support	
PTZ		
Pan Angle	-130°~+130°, 0.2°~80°/S	
Tilt Angle	-30°~+90°, 0.2°~60°/S	
Preset Number	64	
Menu	Support	
Video / audio interface		
SDI	1×3G-SDI, 1080P60/P50/P30/P25, 1080I60/I50, 720P60/P50	
HDMI	1×HDMI 2.0 Video resolution:4KP60/P50/P30/P25, 1080P60/P50/P30/P25, 1080I60/I50, 720P60/P50	
Audio input	1×LINE IN 3.5mm	
USB		
USB Interface	1×USB 2.0, Type-B	
Video Forma	MJPEG/H.264, 4KP30/P25, 1080P30/P25, 720P30/P25, 360P30/P25	
Interface		
Network Interface	1×10M/100M/1000M RJ45	
Video Output Format	Max 4K@60fps	
Image Compression	H.264/H.265	
Audio Compression	AAC	
Network Protocol	RTSP, ONVIF, RTMP, HTTP, TCP, UDP, RTP	
Dual Stream	Main, Sub	
General		
Control Protocol	VISCA	
Addresses	1-6	
Power	DC12V	
Power Consumption	<18W	
Operating Temperature	0°C~+40°C	
Relative Humidity	10%~90%	
Storage Temperature:	-20°C~+60°C	
Dimensions	245mm×145mm×165mm(D×W×H)	
Weight	1.8kg	
Color	Grey	

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Dimensions

