

4KP30 PTZ Camera



4KP30



20/12x Optical Zoom



Rich Interfaces



Lecturer Tracking
Gesture Control



AMC-G421S/G431S

AMC-G420S/G430S PTZ Camera is equipped with 4K CMOS sensor and UHD lens, max lossless optical zoom up to 20X, suitable for long distance shot for UHD video giving super clarity, color and details. The built-in PTZ system features high precision, and smooth movement, easy to capture objects. The camera provides rich interfaces such as 3G-SDI, HDBaseT(Optional), USB, HDMI and RJ45 etc., flexible to connect various systems, suitable for applications such as video conference, education etc.



4KP30, UHD Video Output

The camera is equipped with a 4K UHD CMOS sensor with 8.46MP pixels, capable of outputting rich color depth and clear, detailed 4KP30 UHD images.



Max 20x Optical Zoom

The camera features a high-quality 4K lens with lossless optical zoom up to 20X, making it well-suited for large-scale and long-distance shooting.



Rich Interfaces

Supports 3G-SDI, HDBaseT(Optional), USB, HDMI, and network HD output, offering a variety of interfaces for different applications.



256 Preset Number

The camera supports up to 256 preset positions. During operation, users can quickly call the preset positions with just a click, providing easy and quick access.



High-Precision Pan-Tilt Unit

The camera is equipped with a high-precision PTZ (Pan-Tilt-Zoom) system, allowing the camera to smoothly rotate horizontally up to 340 degrees and vertically up to 120 degrees with precise positioning.



Powerful AI

Integrated with advanced AI algorithms, it supports lecturer tracking and gesture control. The intelligent tracking function not only enhances video quality, but also makes the capturing process more efficient.



Technical Data

Model	AMC-G421S	AMC-G431S
Camera		
Image Sensor	1/2.8" CMOS, 8.46MP	
Lens	20x optical zoom, 16x digital zoom; f=4.7mm ~ 94mm; F1.6 ~ F3.5; HFOV: 59.5° ~ 2.9°	12x optical zoom, 16x digital zoom; f=3.9mm ~ 46.8mm; F1.6 ~ F2.8; HFOV: 72.5° ~ 6.3°
Focusing System	Auto, Manual, One Push Trigger, PTZ Trigger	
AGC	Auto, Manual	
White Balance	Auto, Manual, Auto Tracking, One Push, Static Color Temperature	
Exposure	Auto, Manual, Shutter Priority, Iris Priority	
BLC	Support	
SNR	≥50dB	
Anti-Flicker	Support	
PTZ		
Pan	-170° ~ +170°, 0.1° ~ 120°/s	
Tilt	-30° ~ +90°, 0.1° ~ 90°/s	
Preset Number	256	
Image Filp	Support	
Interface		
HDMI	1 channel HDMI1.4; 4KP30/P25, 1080P60/P50/P30/P25, 720P60/P50/P30/P25	
Network	1 channel RJ-45, 10M/100M, POE supported.; 1.Up to 4KP30 video output 2.Image Compression: H.264/H.265 3.Protocol: ONVIF/RTSP/RTMP/RTMPS/SRT/TCP/UDP/RTMPS/GB28181 4.Audio Compression: AAC 5.Support dual streams.	
USB 2.0	1 channel USB3.0 1.Support UVC1.1; 2.UVC Support: YUY2/NV12: 1080P30/P25, 720P30/P25, 480P30/P25, 360P30/P25; H.264/H.265/MJPEG: 4KP30/P25, 1080P60/P50/P30/P25, 720P60/P50/P30/P25, 360P30/P25 3.UAC Audio Format: PCM	
3G-SDI	1080P60/P50/P30/P25; 720P60/P50/P30/P25	
HDBaseT(Optional)	4KP30/P25, 1080P60/P50/P30/P25, 720P60/P50; Supports power supply and control, and the transmission distance can reach up to 70 meters.	
Audio	1 channel LINE IN, 3.5mm	
Control Interface	1 channel RS-232 IN, 1 channel RS-232 OUT	
General		
Control Protocol	VISCA, PELCO-P, PELCO-D	
Power	DC12V, <15W	
Operating Temperature	0°C ~ 40°C	
Storage Temperature	-20°C ~ +60°C	
Dimensions (L×W×H)	211mm×137mm×170mm	
Weight	≤1.2kg	

The information contained herein is subject to change without notice. We shall not be liable for technical or editorial errors or omissions contained herein.
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Hangzhou Chingan Tech Co., Ltd

Add: 4F, Bldg. 4, 16# Xiyuan Yi Road, Hangzhou, China

www.ismart-video.com sales@ismart-video.com



Website



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