

4K60 Professional Streaming Camera

NDI HX3
SRT

iSmart Video



4K60
/P59.94



30x/20x/12x
Optical Zoom



Dual 4K



Auto
Framing



Lecturer
Tracking

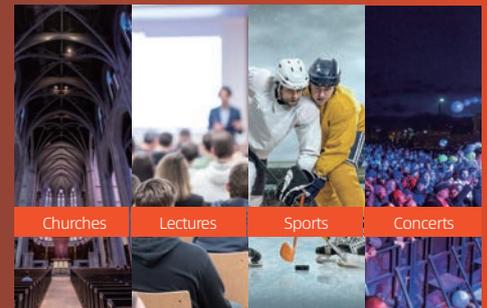


Gesture
Control



PVC-G530P/G520P/G512P

PVC-G5 series 4K60 Dual-Cam AI PTZ Camera is equipped with 4K CMOS sensor and UHD lens, max lossless optical zoom up to 30X, suitable for long distance shot for UHD video giving super clarity, color and details. The variety of built-in AI algorithm such as auto frame, lecturer tracking, gesture control eliminates complicated manual operations, and thus let you focus on your creation. The camera supports various network protocols such as NDI[®] HX3, SRT etc, and providing more flexible and efficient transmission. The features of POE and Web UI makes the setup, setting and operation much easier.



4K60, UHD Video Output

The camera is equipped with UHD CMOS sensor, with 8.46MP, which can output 4K60 UHD image pictures with excellent details, great colors and smooth videos. Meanwhile, the camera also supports the commonly used P59.94/P29.97 frame rate in broadcasting industries.



Max 30x Optical Zoom

The PTZ camera features a high-quality UHD lens and up to 30x lossless optical zoom, enabling it to meet the needs of capturing large scenes while recording clearer details from long distances.



Smart AI Function

This camera comes with AI functions such as auto framing, lecturer tracking, and gesture control. It not only significantly enhances the stability of tracking but also can adapt to complicated scenarios.



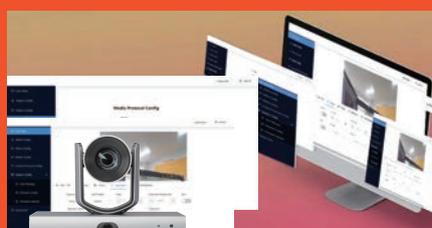
NDI[®] HX3, SRT

The camera supports NDI[®] HX3, SRT protocols. Video can be streamed directly from a camera to an online streaming server, and can be transmitted more securely, with lower latency.



Built-in Web UI

With the camera's built-in Web UI function, no additional software is required, and it is compatible with main operating systems and browsers. Users can easily setup, control the PTZ and preview the video.



Dual Cam Design

Dual-lens design with Tracking cam and Full view cam. The camera supports specific tracking and panoramic shooting, providing intelligent, smooth, and precise tracking.



Technical Data

Model	PVC-G530P	PVC-G520P	PVC-G512P
Close-up Camera			
Image Sensor	1/2.8" CMOS, 8.46MP		
Optical Zoom	30x Optical; 16x Digital	20 Optical; 16x Digital	12 Optical; 16x Digital
Focal	f=5.2 ~ 156mm	f=5.2mm ~106mm	f=3.4mm ~40.3mm
Iris	F1.6 ~ F5	F1.6 ~ F3.5	F1.8 ~ F3.6
HFOV	56.5° ~ 1.9°	56.5° ~ 2.8°	81° ~ 7.6°
Distortion Correction	Support		
Full View Camera			
Image Sensor	1/2.8" CMOS, 8.46MP		
Focal	f=2.8mm		
Iris	F2		
FOV	H: 94° V: 62°		
Image Parameters			
Image Style	One-click switching between multiple image styles		
Noise Reduction	2D & 3D DNR		
Shutter Speed	1/25s ~ 1/10,000s		
Gain	Auto, Manual		
White Balance	Auto, Manual, Indoor, Outdoor, Auto Tracking, Static Color Temperature, One push, Follow the full-view		
BLC	Support		
WD	Support		
Exposure Mode	Auto, Manual, Shutter Priority, Brightness Priority, Iris Priority, Auto Tracking, Follow the full-view		
Metering Mode	Top, Bottom, Center, Average, Left, Right		
SNR	≥50dB		
Parameter Adjustment	Image parameters of close-up and full-views can be adjusted independently		
Image Flip	Horizontal mirroring, Vertical flipping		
PTZ			
Horizontal	-130° ~ +130°; 0.1° ~ 80°/s		
Vertical	-30° ~ +90°; 0.1° ~ 60°/s		
Software Function			
Preset Position Freezing	Supported		
PIP	Supports picture-in-picture function for both close-up and full-views PIP position: top-left, bottom-left, top-right, and bottom-right.		
OSD	Customized overlay of OSD character		
WebUI	Supports full-life cycle O&M operations including remote device configuration, firmware upgrade, reboot and reset via WebUI.		
Software Upgrade	<ol style="list-style-type: none"> 1. USB upgrade, supporting Windows and Mac systems. 2. WEB upgrade, Supports Edge, Chrome, Safari and other major browsers 3. Network MgrTools Updated: Supports Windows & Mac 		
Powerful AI			
Lecturer Tracking	<ol style="list-style-type: none"> 1. Supports everywhere tracking, zone tracking, and selected target tracking 2. Supports adjustable target tracking aspect ratio(Full body, half body, close-up) 3. Supports setting the target position of the image (left, middle, right) 4. Supports the setting of blocking areas and preset areas 5. Support switching target and adjustable body size by remote control 6. Gesture Control 		
Auto Framing	Multi-person framing (framing within designated zone) Support people counting		
Custom Tracking Area	Supports customizing any image area as the tracking region and eliminating interference in complex scenes.		

Technical Data

Model	PVC-G530P	PVC-G520P	PVC-G512P
Interfaces			
HDMI	1-channel HDMI 2.0, switchable close-up & full-view output 1. Audio: PCM, 48K, dual-channel 2. HFR Off: 3840*2160@30/25fps; 1920*1080@60/50/30/25fps; 1280*720@60/50/30/25fps; HFR On (Only close-up View): 3840*2160@60/50/30/25fps; 1920*1080@60/50/30/25fps; 1280*720@60/50/30/25fps; 3. i-frame resolutions: 1080i @60/59.94/50fps; 4. Broadcast TV resolutions: 2160*3840@59.94/29.97fps; 1920*1080@59.94/29.97fps; 1280*720@59.94/29.97fps		
HDBaseT (Optional)	One channel of HDBaseT, support output audio; Video resolution and format consistent with HDMI		
3G-SDI	One channel of 3G-SDI, switchable close-up & full-view output 1. HFR Off: 1920*1080@60/50/30/25fps; 1280*720@60/50/30/25fps; HFR On (Only close-up View): 1920*1080@60/50/30/25fps; 1280*720@60/50/30/25fps; 2. i-frame resolutions: 1080i @60/59.94/50; 3. Broadcast TV resolutions: 1920*1080@59.94/29.97fps; 1280*720@59.94/29.97fps;		
Network	1-channel RJ-45 interface, supporting 10M/100M/1000M adaptive Ethernet. 1. Video formats: H.264/H.265 2. Video resolutions: Output with close-up view and full-view: Supports close-up/full-view output switching, 2160*3840@30/25fps; 1920*1080@60/50/30/25fps; 1280*720@60/50/30/25fps; 640x360@60/50/30/25fps; Only output close-up view: 2160*3840@60/50/30/25fps; 1920*1080@60/50/30/25fps; 1280*720@60/50/30/25fps; 640x360@60/50/30/25fps; 3. Network protocols: RTSP, RTMP(S), Visca Over IP, ONVIF, SRT, NDI [®] HX3, Dante AV-H, TCP, UDP; 4. Audio compression: AAC, G.711; 5. Supports multi-stream output. 6. Supports Web UI, HTTP API		
USB	1-channel USB 2.0 Type-B 1. Audio output: UAC 2. UVC 1.1 protocol. 3. UVC video formats: H.264/H.265/MJPEG; 4. UVC output: 3840*2160@30/25fps; 1920*1080@30/25fps; 1280*720@30/25fps; 640x360@30/25fps;		
Audio	1-channel LINE IN, 3.5mm; support ACC, G.711;		
REF	1-channel REF, Reserved		
Control	1-channel RS-232 IN, 1-channel RS-232 OUT; Support daisy chain		
Power	Input: 100-240V, 50-60Hz, output: DC 12V, 1.5A, < 18W		
General			
Preset Number	256		
Indicator Light	Power Indicator		
IR Remote Control	Supported		
Installation Method	Upright, Inverted		
Control Protocol	VISCA / PELCO-P / PELCO-D		
Operating Environment	Temperature: 0°C~+40°C; Humidity: 10%RH~90%RH		
Storage Environment	Temperature: -20°C~+60°C; Humidity: 10%RH ~95%RH		
Dimensions (L*W*H)	245mm*145mm*165mm		
Weight	1.8kg		

Hangzhou Chingan Tech Co., Ltd

Add: 4F, Bldg. 4, 16# Xiyuan Yi Road, Hangzhou, China
www.ismart-video.com/sales@ismart-video.com



Website



Linkedin



YouTube