

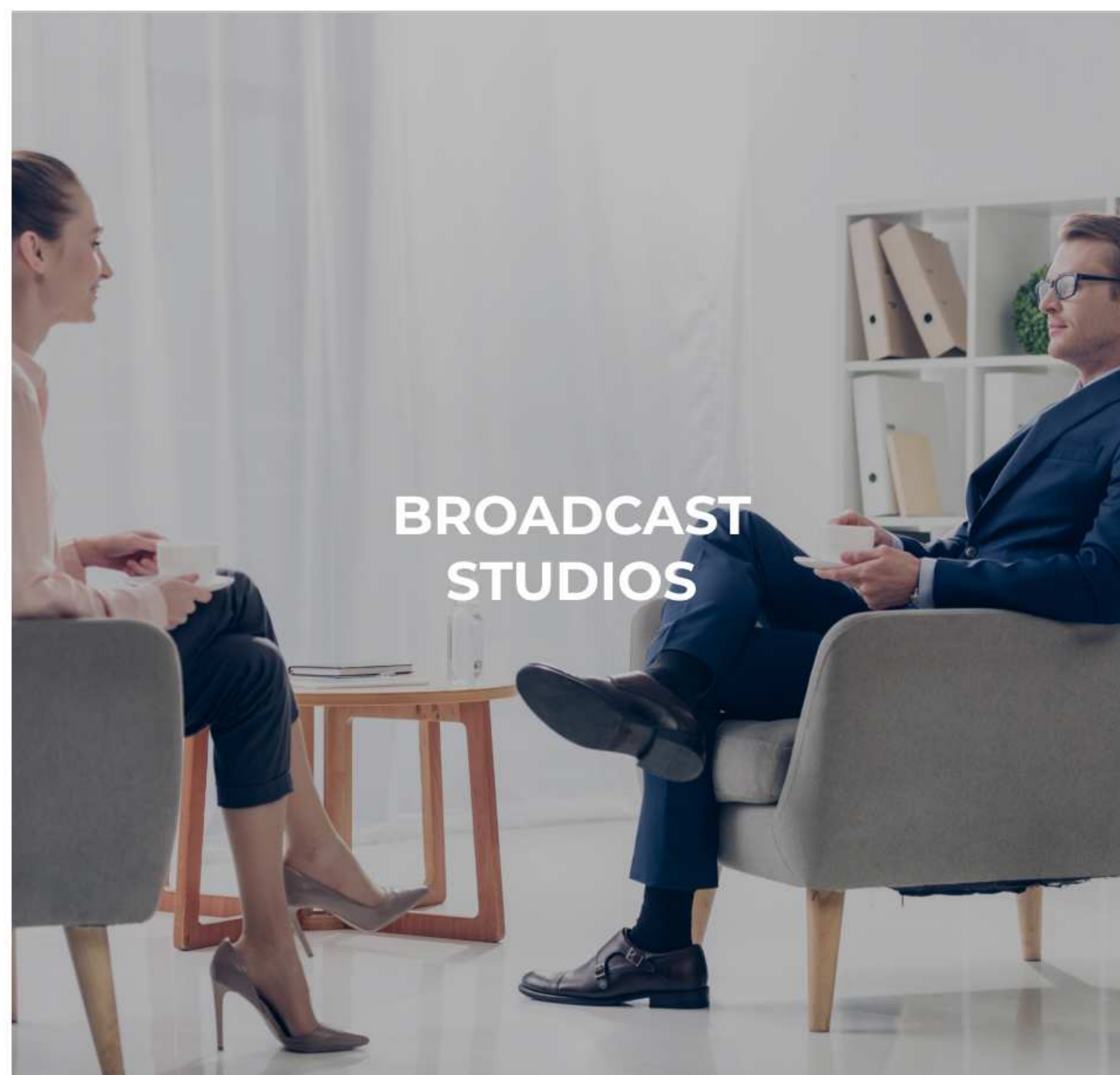
ACCIPITER PROFESSIONAL PTZ CAMERA

Specifically designed for professionals, this technology-driven PTZ Camera offers magnificent 4K imaging using a large 1/2.5" sensor to achieve a clean image with tremendous depth and clarity. Equipped with a 20X optical zoom, this camera can take advantage of its wide-angle field of view, allowing for close-up imaging with image integrity. This makes it ideal for a range of applications, from live streaming and virtual conferences to podcasts and studio productions.

Featuring a strong, robust, and ultra-smooth robotic mechanism, you will achieve smooth movement every time, along with precise targeting. Whether you are using your ACZ20X 4K or the HD version ACZ20X, both will yield professional results every time with seamless utility and application regardless of your video capture environment.



APPLICATIONS



BROADCAST
STUDIOS



CONFERENCE ROOMS



CLASSROOMS

FEATURES

Versatile Output Interfaces

ACZ video conferencing cameras support multiple simultaneous outputs, including HDMI, USB3.0, LAN, and 3G-SDI. This feature lends itself to many different broadcast and conferencing setups.

IR Pass-Through Functionality

ACZ cameras can receive a signal from third-party infrared remote controls and then pass it along to the conferencing terminal using the VISCA IN port

Powerful Zoom Capabilities

ACZ cameras utilize a 20x optical zoom lens and 16x digital zoom lens allowing for high-quality close-ups without distortion.

Wide Protocol Compatibility

They support many video compression standards (ex. H.264, H.265, MJPG, YUY2) and many network and control protocols (VISCA, PELCO P/D, Onvif, and NDI® are optional).

Exceptional Low-Light Performance

Using 2D & 3D Digital Noise Reduction and new CMOS sensors, ACZ cameras maintain clean, clear images in ultra-low light conditions.

Flexible Installation Options

Both they will adapt to the installer, supporting desktop, wall, and ceiling mounting for integration into an environment with ease.

Accipiter ACZ20X HD Video PTZ Camera

The ACZ20X is specifically designed for the professional market, offering top-notch quality and performance with its large 1/2.8" sensor, to deliver crystal clear images with stunning detail. The 20X optical zoom with wide angle field of view allows for close-up shots without sacrificing image quality, making it perfect for capturing every moment with precision. It also boasts a sturdy and smooth robotics mechanism to ensure seamless movement and precise positioning, giving you the flexibility to capture the perfect shot every time. Whether you're broadcasting a live event, conducting a conference, streaming live content, or recording a podcast, the ACZ20X is the perfect companion for any professional video capture.



FEATURES

- . 1080p HD Video at 60fps using a SONY 1/2.8" CMOS sensor with 2.07MP clarity.
- . 20x Optical + 16x Digital Zoom enables flexible close-ups with sharp image details.
- . Simultaneous Output via HDMI, USB3.0, LAN, and 3G-SDI, supporting 1080p resolution seamlessly.
- . AI-Based Tracking & Auto-Framing with intelligent gesture recognition and precise human tracking functions.
- . Advanced Low-Light Performance using 2D/3D noise reduction and 55dB+ S/N Ratio clarity.
- . Supports YUY2, MJPG, H.264, H.265 Formats and optional NDI@|HX2 for flexible streaming.
- . Multiple Installation & Control Options with VISCA, PELCO P/D, ONVIF, and versatile mounting setups.

IMAGE PARAMATERS	
Resolution	HDMI: 1080p60/59.94/50/30/ 29.97/25, 1080i60/59.94/50, 720p 60/50 SDI: 1080p60/59.94/50/30/29.97/25, 1080i60/59.94/50, 720p60/50
Image Sensor	SONY 1/2.8" CMOS
Pixels	3.10 Megapixels, 2.07 Effective Megapixels
Scan Mode	Line by line
Lens	20X Optical Zoom, f=5.2m(W)~104mm(T), F1.55~F3.13
Digital Zoom	16X
Horizontal View Angle	58.7°(W)~3.2°(T)
Vertical View Angle	32.2°(W)~1.8°(T)
Focus System	Auto, Manual
Shutter Speed	1/50s ~ 1/10000s
Minimum Illumination	0.1 Lux @ (F1.5, AGC ON)
Exposure	Auto, Manual, Iris Priority, Shutter Priority, Brightness priority
White Balance	Auto, Indoor, Outdoor, One Push, Auto Tracking, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital noise reduction
S/N Ratio	≥50dB
PAN/TILT	
Pan Angle	355°
Tilt Angle	-30°~+90°
Pan Speed	1°~80°/s
Tilt Speed	1°~60°/s
Preset Positions	9 preset positions by IR remote controller, 255 preset positions by joystick controller or PC
Preset Accuracy	0.1±10%
Flip	Support
Image Freeze	Support
POE	802.3af (Optional)
AI	
AI Tracking	Support
Auto Framing	Support
Tracking Siz	Support
Tracking Sensitivity	Support
AI Guard Position	Support
USB	
Protoco	UVC 1.1
Operating System	Window7 and above, MacOS, Linux, Android
Video Compression	YUY2, MJPEG
Resolution	1920*1080, 1280*720, 960*540, 800*600, 720*576, 720*480, 640*480, 640*360, 352*288, 320*240

TECHNICAL SPECIFICATIONS

Frame Rate	Max.60
UVC Control	Support
LAN	
Protocol	TCP/IP, HTTP, RTSP, RTMP, RTMPS, SRT, Onvif, DHCP, VISCA Over IP, NDI@HX2 (Optional)
Video Compression	H.264, H.265
Code Stream	Main code stream*1, Sub code stream*1
Main Stream Resolution	1920*1080, 1280*960, 1280*720, 720*576, 720*480, 640*480
Sub Stream Resolution	640*480, 640*360, 480*360, 352*288, 320*240, 176*144
Bitrate Control	VBR, CBR
AUDIO	
Audio Compression	AAC
Audio Bit Rate	128kbps
INTERFACE	
HDMI Interface	1 Line, HDMI: Version 1.4
SDI Interface	1 Line, 3G-SDI
USB Interface	1 Line, USB3.0, Type-B Socket
Network Interface	1 Line, RJ45: 10M/100M adaptive Ethernet port
Audio Interface	1 Line, Line In, 3.5mm
Serial Interface	1 Line, RS232 IN/OUT: 8-Pin Mini Din, up to 30 meters, VISCA/Pelco-D/Pelco-P Protocol. 1 Line, RS422/485: 5-Core Phoenix Interface, up to 1200 meters, VISCA/Pelco-D/Pelco-P Protocol.
Power Interface	JEITA RC-5320A Type 4
GENERAL SPECIFICATIONS	
Tally Light	Support
Input Volta	DC 12V
Input Current	Max.1.5A
Power Consumption	Max.18W
Operating Temperature	0~40°C
Storage Temperature	-10~6°C
colour	Black, White (Optional)
Dimension	(W)134*(D)174*(H)187mm
Weight	1.2kg
Accessories	DC 12V power adapter, IR Remote, User manual, USB3.0 Cable, RS-232C Cable, Ceiling bracket, Wall bracket (Optional)

Accipiter ACZ20X 4K 4K60 PTZ Camera

The ACZ20X 4K is specifically designed for the professional market, offering top-notch quality and performance with its large 1/2.5" sensor, to deliver crystal clear images with stunning detail. The 20X optical zoom with wide angle field of view allows for close-up shots without sacrificing image quality, making it perfect for capturing every moment with precision. It also boasts a sturdy and smooth robotics mechanism to ensure seamless movement and precise positioning, giving you the flexibility to capture the perfect shot every time. Whether you're broadcasting a live event, conducting a conference, streaming live content, or recording a podcast, the ACZ20X 4K is the perfect companion for any professional video capture.



FEATURES

- . 4K60 Ultra HD Resolution with SONY 1/2.5" CMOS sensor for crisp, broadcast-quality video output.
- . 20x Optical Zoom Lens with a 60.05° wide-angle view and 16x digital zoom support.
- . Simultaneous Output via USB3.0, HDMI, LAN, and 3G-SDI, supporting 4K60 and 1080p60 resolutions.
- . Advanced Low-Light Performance using 2D+3D noise reduction and 50dB+ S/N ratio image clarity.
- . AI-based Tracking & Gesture Control allows auto-framing, target switching, and zoom using hand gestures.
- . Supports ONVIF, SRT, RTSP, RTMP, FreeD, and optional NDI@HX3 network protocols.
- . Flexible Installation Options including wall mount, desktop placement, and ceiling installation compatibility.

IMAGE PARAMATERS	
Resolution	HDMI: 4K60/59.94/50/30/29.97/25, 1080p60/59.94/50/30/29.97/25, 1080i60/59.94/50, 720p60/50 3G-SDI: 1080p60/59.94/50/30/29.97/25, 1080i60/59.94/50, 720p60/50
Image Sensor	SONY 1/2.8" CMOS
Pixels	8.50 Megapixels, 8.29 Effective Megapixels
Scan Mode	Line by line
Lens	20X Optical Zoom, f=5.05m(W)~91.49mm(T), F1.8~F2.9
Digital Zoom	16X
Horizontal View Angle	60.05°(W)~3.45°(T)
Vertical View Angle	35.07°(W)~1.96°(T)
Focus System	Auto, Manual
Shutter Speed	1/50s ~ 1/10000s
Minimum Illumination	0.1Lux
Exposure	Auto, Manual, Iris Priority, Shutter Priority, Brightness priority
White Balance	Auto, Indoor, Outdoor, Keying, Auto Tracking
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital noise reduction
S/N Ratio	≥50dB
PAN/TILT	
Pan Angle	355°
Tilt Angle	-30°~+90°
Pan Speed	1°~80°/s
Tilt Speed	1°~60°/s
Preset Positions	9 preset positions by IR remote controller, 255 preset positions by joystick controller
Preset Accuracy	0.1±10%
Flip	Support
Image Freeze	Support
POE	802.3af
AI	
Intelligent tracking	Support
Auto Framing	Support
Gesture Recognition	Support
USB	
Protoco	UVC 1.1, UAC1.0
Operating System	Window7 and above, MacOS, Linux, Android
Video Compression	YUY2, MJPEG
Resolution	MJPEG: 3840*2160, 2560*1440, 1920*1080, 1280*720, 960*540, 800*600, 720*576, 720*480, 640*480, 640*360, 352*288, 320*240 YUY2: 1920*1080, 1280*720, 960*540, 800*600, 720*576, 720*480, 640*480, 640*360, 352*288, 320*240

TECHNICAL SPECIFICATIONS

Frame Rate	Max.60
UVC Control	Support
LAN	
Protocol	TCP/IP, HTTP, RTSP, RTMP, RTMPS, SRT, Onvif, DHCP, VISCA Over IP, FreeD, NDI@HX3 (Optional)
Video Compression	H.264, H.265
Code Stream	Main code stream*1, Sub code stream*1
Main Stream Resolution	3840*2160, 1920*1080, 1280*720
Sub Stream Resolution	640*480, 640*360, 352*288, 320*240, 176*144
Bitrate Control	VBR, CBR
AUDIO	
Audio Compression	AAC
Audio Bit Rate	48K and 44.1K
INTERFACE	
HDMI Interface	1 Line, HDMI: Version 2.0
SDI Interface	1 Line, 3G-SDI
USB Interface	1 Line, USB3.0, Type-B Socket
Network Interface	1 Line, RJ45: 10M/100M adaptive Ethernet port
Audio Interface	1 Line, Line In, 3.5mm
Serial Interface	1 Line, RS232 IN/OUT: 8-Pin Mini Din, up to 30 meters, VISCA/Pelco-D/Pelco-P Protocol. 1 Line, RS422/485: 9-Core Phoenix Interface, up to 1200 meters, VISCA/Pelco-D/Pelco-P Protocol.
Power Interface	JEITA RC-5320A Type 4
GENERAL SPECIFICATIONS	
Tally Light	Support
Input Volta	DC 12V
Input Current	Max.2.0A
Power Consumption	Max.24W
Operating Temperature	0~40°C
Storage Temperature	-10~60°C
colour	Black, White (Optional)
Dimension	(W)134*(D)174*(H)191mm
Weight	1.2kg
Accessories	DC 12V power adapter, IR Remote, User manual, USB3.0 Cable, RS-232C Cable, Ceiling bracket, Wall bracket(Optional)



ERTHPOT ELECTRONICS PRIVATE LIMITED

A - 164, A Block Noida Sector 63, Gautam Buddha Nagar Uttar Pradesh,
INDIA | Pin code: 201301

info@erthpot.com | www.erthpot.com