

PTZ-CA01

I-Active 1080P PTZ Camera



1080P
60FPS

USB3.0
+HDMI



WIDE
View Angle

WIDE
compatibility

I-Active PTZ-CA01 PTZ video camera is equipped with a professional 1/2.8 inch SONY CMOS image sensor with Full HD 1080p output resolution and a high dynamic image quality of 60fps. The superior optical zoom lenses with professional noise reduction and wide dynamic range technology deliver clear images even in low light, backlight or the extreme contrast of brightness and darkness in a room. The cameras utilize highly efficient motor controller to achieve high-speed, quiet and precise positioning movements. I-Active PTZ-CA01 supports USB3.0, HDMI interfaces allowing two simultaneous image outputs with the best possible image quality and are compatible with all video equipment.

10x Optical Zoom

With 10x Optical Zoom for option, I-Active PTZ-CA01 provides unrivaled flexibility to adapt to any application scenarios by providing close-up shots with excellent detail.



Accurate, Smooth and Silent PTZ Movement

Built-in two-way high speed and silent pan/tilt, the lens of I-Active PTZ-CA01 can rotate 350 Degree horizontally ($\pm 175^\circ$) and 180 Degree vertically ($\pm 90^\circ$) to capture every person in the room with multi-angle.

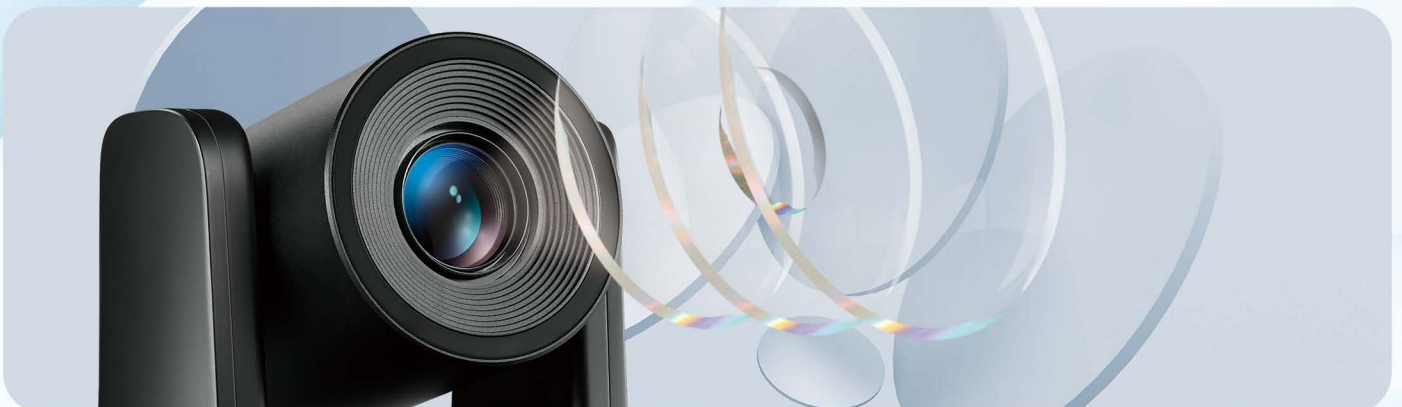


Tilt: -90° - $+90^\circ$

Pan: -175° - $+175^\circ$

Superb High-Definition Image

I-Active PTZ-CA01 features a 1/2.8" SONY CMOS image sensor capable of delivering Full HD 1080P60 (1920x1080) ultra-high-resolution high-quality images, making this series of PTZ cameras a strong contender for professional production. The camera supports H.264&H.265&MJPG&YUY2 video compression and are equipped with high SNR, which makes motion video more fluent and clear under low bandwidth conditions.



Flexible USB3.0 + HDMI Options

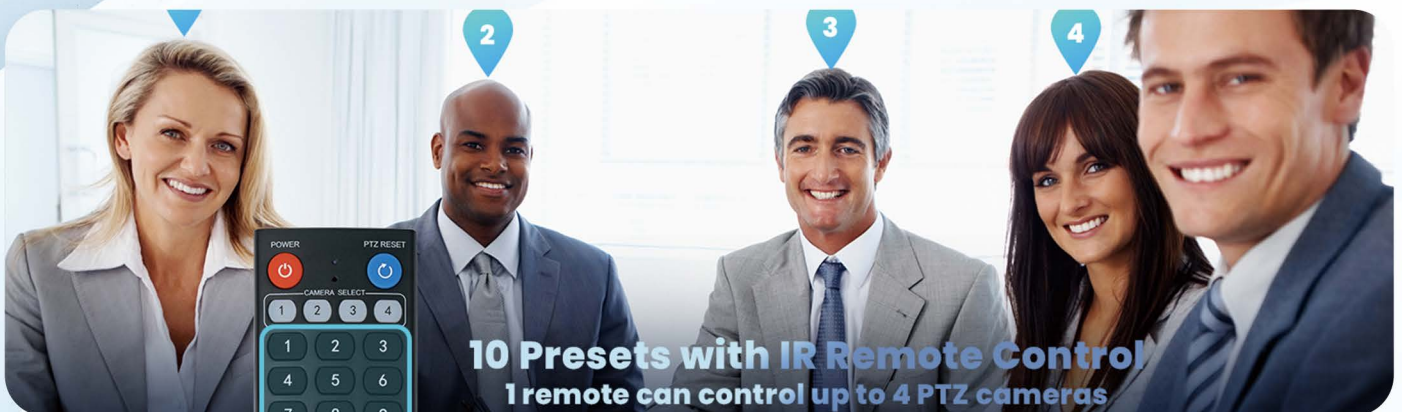
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I-Active PTZ-CA01 features USB3.0 for connecting directly to Zoom, Teams, Webex and any app that supports a USB UVC input. The additional HDMI opens a wide range of options with HDMI workflows for transmitting uncompressed digital video signal almost without any delay.



Up to 255 Preset Positions

I-Active PTZ-CA01 features smooth, quiet and precise positioning with up to 255 preset positions (10 preset positions by IR remote controller) that can save pan, tilt, and zoom settings. Positioning at the touch of a button can be performed at a range of speeds from very slow to very fast while retaining pin-point accuracy.



USB3.0

Users can control I-Active PTZ-CA01 ptz cameras using video production software such as OBS, Livestream Studio, Wirecast, vMix, mimoLive or Tricaster - or check out one of our hardware joystick controllers such as KZ2 joystick or KZ3 joystick to control the cameras via the RS-232/RS485 interfaces. The options for camera control are endless, allowing you to take charge of your camera in a way that fits your workflow. This series of ptz cameras also supports RS-232 cascade function which is convenient for installing. One cable is included in the box.

Superior Compatibility



Model No.	PTZ-CA01
Sensor	1/2.8"SONY CMOS
Effective Pixels	2.38 mega pixel
Video Signals	1080p@60/50/30/25fps, 720p@60/50/30/25fps
Zoom	10x optical zoom
Lens	f=5.76-46.09mm
Aperture	F1.8-2.6
Horizontal Angle	54.7°(W)-6.8°(T)
Vertical Angle	30.8°(W)-3.8°(T)
Diagonal Angle	62.8°(W)-7.8°(T)
Video Resolution	1080P (1920 *1080) etc
Video Output	USB3.0, HDMI
LAN	/
Network Protocol	/
Video Encoding Format	H.264, H.265, MJPG, YUY2
Signal Standard	NTSC/PAL
Preset Position	User can set up to 255 presets (10 presets by IR remote)
Control Interface	RS-232 (input only), RS-485, USB
Shutter	1/30s-1/10000s, auto
Baud Rate	2400/4800/9600/38400bps
Control Protocol	VISCA, PELCO-D, PELCO-P(RS-232, RS-485)
USB Protocol	UVC1.1
Minimal Illumination	0.1Lux
SNR	≥50dB
Horizontal Rotation	350° (±175°) 0.1°/s ~ 100°/s
Vertical Rotation	180° (±90°)0.1°/s ~ 80°/s
Power Supply	DC 12V/2A
Power Consumption	12W
Work Temperature	0°~+50°
Work Humidity	0~95% RH
Product Size	247.1*152*169.6mm/285*217*197mm(before / after packing)
Product Weight	1.37kg/2.45kg (net / gross weight)