

BirdCam PTZ1

to Make Your Meetings
More Real, Lively & Productive



BirdCam PTZ1

Revolutionise Virtual Meetings with BirdCam PTZ1

Innovative capabilities for business meetings set BirdCam PTZ1 apart. Unlike conventional cameras, the BirdCam PTZ1's mechanical pan, tilt, and zoom allow users to easily alter the field of view for ideal framing. Its 4K resolution captures every detail with astonishing clarity. Integrating audio improves communication and makes interactions more realistic. BirdCam PTZ1 redefines collaboration with seamless remote control operation and flexible installation options, making it the best solution for medium and large meeting spaces for delivering exceptional display quality and functionality.

Works with any of your favourite Video Conferencing Software



4K UHD Camera for Pixel-Perfect Meetings

BirdCam PTZ1 with 4K resolution renders sharper and brighter image quality, giving top-notch video conferencing experiences with an astonishing 30 FPS.

Crystal Clear Imagery in Any Light Conditions

BirdCam PTZ1 with ambient light sensing and backside illumination technology produces excellent video output. It renders natural skin tones and compelling colour quality in dim light and backlit conditions.

Presets for Swift Meetings

Preset up to three locations on BirdCam PTZ1 and, with just a button press on the remote-control switch, switch to the desired preset and enjoy a smooth meeting experience.

Plug-and-Play Connectivity

Easily switch devices with BirdCam PTZ1 and experience personalised meeting experiences on any device without wasting time with multiple connections.

Remote Control for Increased Flexibility

Use the freedom of operating the camera for mechanical pan, tilt, and zoom operations from anywhere in the room without actually pointing the remote towards it.

Multiple Installation Options

Install BirdCam PTZ1 above and below the display in the meeting room or on a table. You can fix BirdCam PTZ1 to any tripod stand for added flexibility.

BirdCam PTZ1 Specifications

	Camera
Video System	HDMI(4KP@30/25fps, 1080P@60/50/30/25fps,720P@60/50/30/25fps). USB3.0(3840*2160P@30fps,2560*1440P@30fps, 1920*1080P@30fps, 1280*720P@30fps,640*480P@30fps,320*240P@30fps.
Lens	f=3.9- 46.8mm
Aperture	F1.6 ~ F9.6
Sensor	Max Effective Pixel: 8.29MP, 16:9
Optical Zoom	12x
Horizontal Angle of View	70.82° (W) ~ 6.48° (T)
Vertical Angle of View	47.72°(W) ~ 73.66°(T)
Diagonal Angle of View	78.58° (W) ~ 7.42°(T)
Diagonal Angle of View	78.58° (W) ~ 7.42°(T)
Horizontal Rotation Range	±175°
Vertical Rotation Range	±90°
Pan Speed Range	0.1°/s ~ 80°/s
Tilt Speed Range	0.1°/s ~ 60°/s
Preset Number	255 presets by Pelco-D,32 presets by Pelco-P, 7 presets by Visca (10 presets by remote controller)
SNR	>50dB
Focus	Auto / Manual

	UVC Features
Operating System Support	Windows 7, Windows 8.1, Windows 10, Windows 11, Android, Mac OS™ 10.10 or higher, Linux (Require to support UVC.)
Encode Format	H.264, H.265, MJPG, YUY2, NV12
Input Voltage	DC 12V
Input Current	1.0A (Max.)
Power Consumption	13W (Max.)
Store Temperature	-10°C ~ +60°C
Store Humidity	20% ~ 90%
Working Temperature	-10°C ~ +50°C
Working Humidity	20% ~ 80%
Dimension (W*H*D)	171.6*192.6*171.6mm/260*217*197mm (before / after packing)
N.W. / G.W	1.43kg/2.096kg (Net / Gross weight)
Accessory	1xCamera; 1xUSB Cable; 1xPower Adapter; 1xWall Mount; 1xManual
Warranty	3 Years

	I / O Interface
Video Interfaces	HDMI, USB3.0
LAN	10M/100M adaptive Ethernet port, Support POE IEEE802.3af
Network Protocol	RTSP, RTMP, ONVIF, GB28181; Support VISCA Over IP
Control Protocol	VISCA/Pelco-D/Pelco-P; Baud Rate: 9600/4800/38400/2400
Control Interface	RS-232 (input & output), RS-485, TYPE-C(UVC1.1)
Digital Noise Reduction	2D & 3D Noise Reduction
Exposure	Auto / Manual

