



P10H4A 4K AI Dual-lens Tracking Camera

The P10H4A AI Tracking Camera is an innovative pan-tilt product integrated with a dual-lens setup. It boasts a 4K-resolution lens featuring a 65° field of view and 10x optical zoom, complemented by a 4K panoramic lens. This dual-lens synergy enables full-area coverage, while the 10x optical zoom delivers exceptional detail reproduction—ensuring sharp, crisp imagery even for long-distance shooting. Empowered by AI intelligent tracking technology, the camera automatically locks onto target subjects and dynamically follows to capture key moments, eliminating the need for manual adjustments. It seamlessly caters to shooting requirements across diverse distances and angles in scenarios such as conferences and live broadcasts.



**4K/65°/10x
Optical Zoom Camera**



Auto Focus



Face Tracking



Gesture Control



**Speaker
Following**



**Microphone
Array**



**Dual-Camera
System**

Product Highlights



4K/65°/10x Optical Zoom Camera

The P10H4A adopts a dual-camera design combining a 4K UHD (Ultra High Definition) optical lens and a 4K panoramic lens. Its main camera supports 4K UHD resolution, featuring a 65° wide field of view and 10x optical zoom capability. It can accurately zoom in on distant images, reproducing fine details with exceptional clarity and zero distortion. Leveraging 4K UHD imaging technology, the P10H4A delivers stable, true-to-life, and sharp meeting visuals consistently—whether in bright or low-light conference environments—fully meeting shooting requirements across diverse scenarios.



Smooth & Silent Pan/Tilt Movement

This product supports remote control, enabling accurate rotation of horizontally (-170°~+170°) and vertically (-30°~+90°) with smooth, noise-free operation. Flexible and convenient to use: 10 preset positions can be set via the infrared remote control; up to 255 preset positions can be professionally controlled and configured simultaneously through RS232 and RS485 interfaces. With this efficient control method, you can quickly adjust the PTZ camera's pan, tilt, and zoom functions, and switch rapidly to preset positions for close-up sequence shooting.



AI Smart Tracking

The P10H4A supports automatic participant framing, accurate headcount detection, and real-time localization, significantly enhancing conference efficiency and operational ease. It not only saves time and effort but also ensures every participant is clearly recorded and fully captured throughout the session. This intelligent technology enables attendees to focus on core communication and topic discussions, delivering a smoother, premium experience in the conference.



Diversified Installation

The P10H4A camera can be flexibly deployed according to different environments, supporting multiple installation methods such as desktop placement, TV top mounting, wall mounting, ceiling mounting, and bracket adaptation (including TV brackets and tripods).



Multifunctional Camera

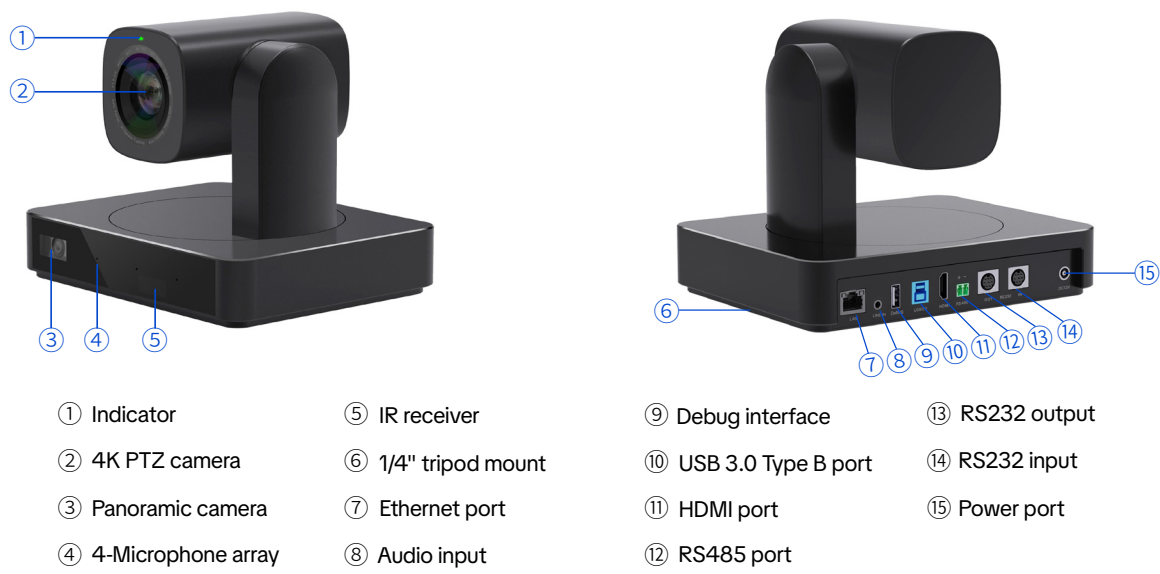
This professional live streaming camera is ideally suited for conference rooms, churches, classrooms, live broadcast halls and other venues. It enables hassle-free remote connection to your devices via a USB cable. Paired with an infrared remote control, it allows effortless setup and smooth operation for video conferences, video recording, and live streaming. Additionally, it supports multiple control protocols, including RS-232, RS-485, VISCA.



Application Compatibility

Compatible with most video conferencing and presentation software, such as Microsoft Teams, Zoom, Webex, Google Meet, Tencent Meeting, DingTalk, etc. It supports Windows 7/8/10, macOS, and Linux operating systems. You can adjust video capture parameters (e.g., resolution and encoding format; H.264 or MJPG recommended) in the software to enhance video quality and smoothness. This product is ideal for remote meetings, live streaming, church broadcasts, distance education, and other scenarios.

Product View



Product Specifications

Camera	Video Output	4K 30fps; 1080P 60/50/30/25/59.94/29.97fps;720P 60/50fps
	PTZ Camera	4K/10x HD Optical Zoom, FOV: D65° H 57° V32°; Horizontal Rotation: -170°~+170°, Vertical Rotation: -30°~+90°
	Panoramic Camera	Wide-Angle Lens (Built-in Electric Privacy Cover)
	Auto Framing	✓
	Speaker Following	✓
	Preset Positions	✓
	Lens Privacy Cover	✓
Audio	Voice Pickup	4-Microphone Array
	Supports line-in audio input	✓
Ports	1/4" tripod mount	✓
	Ethernet port	✓
	Audio input	1x 3.5mm audio input
	Debug interface	✓
	USB3.0 Type B	✓
	HDMI output	✓
	RS485 port	✓
	RS232 input/output	✓
	Power port	✓
Accessories	Remote control	✓
	USB cable	✓
	Bracket	Bracket kit(optional)
System	Operating Systems	Windows 7, 8, 10, macOS, and Linux, etc.

Important Notes for Product Use:

- 1.When using the PTZ camera's AI functions (Auto Framing, Speaker following), ensure the target is within the panoramic lens's field of view.
- 2.During Speaker following, keep two people as spaced out as possible, with a distance of at least 50 cm between them.
- 3.Buttons of the remote control have a response time, and there may be cases where the number of responses to consecutive presses does not match the actual number of presses.