

ALVISION 4K AUTO-TRACKING PTZ CAMERA

ALV-PTZ-10X



The ALVISION 4K Auto-Tracking PTZ Camera is a professional video conferencing and presentation camera designed for modern meeting rooms, training halls, and broadcast environments. Equipped with a high-performance 1/2.8" Sony CMOS sensor and 10X optical zoom, the camera delivers sharp, detailed, and crystal-clear video output in Ultra HD 4K resolution.

With advanced auto-tracking technology, the camera intelligently detects and follows the active speaker, ensuring smooth framing without manual control. Built-in microphone array support, wide pan-tilt range, and multiple connectivity options make the ALVISION PTZ Camera a reliable solution for professional AV and conferencing applications.



- 4K ULTRA HD AUTO-TRACKING PTZ CAMERA
- 1/2.8" SONY CMOS SENSOR (8.3 MP)
- 10X OPTICAL ZOOM FOR CLEAR DETAIL
- SUPPORTS 4K / 1080P / 720P VIDEO OUTPUT
- INTELLIGENT SPEAKER & PRESENTER TRACKING
- BUILT-IN 4-MIC ARRAY FOR CLEAR AUDIO PICKUP
- GESTURE-BASED CAMERA CONTROL
- USB & HDMI OUTPUT SUPPORT

APPLICATIONS

- Corporate Boardrooms & Conference Rooms
- Training & Presentation Halls
- Online Meetings & Video Conferencing
- Educational Institutions & Lecture Capture
- Broadcasting & Live Streaming
- Houses of Worship
- Government & Enterprise Meeting Rooms

FEATURES:

- 32" / 43" / 55" COMMERCIAL-GRADE LED DISPLAYS
- HIGH-DEFINITION & ULTRA HD DISPLAY OPTIONS
- 350 NITS BRIGHTNESS FOR INDOOR VISIBILITY
- 178° WIDE VIEWING ANGLE
- ANDROID-BASED PROFESSIONAL DISPLAY SYSTEM
- USB MEDIA PLAYBACK & INTERNET CONTENT SUPPORT
- BUILT-IN SPEAKERS FOR MULTIMEDIA CONTENT
- SLIM PROFILE WITH STABLE FLOOR STAND
- ENGINEERED FOR LONG-HOUR COMMERCIAL OPERATION

1 Years Warranty



SPECIFICATIONS

Specification	Details
Brand	ALVISION
Product Name	4K Auto-Tracking PTZ Camera
Model	ALV-PTZ-10X
Usage	Professional Conference & AV Applications
Image Sensor	1/2.8 inch Sony CMOS
Effective Pixels	8.3 MP
Minimum Illumination	0.1 Lux (F1.2)
Optical Zoom	10X
Shutter Speed	1 ~ 1/10000 s
Focal Length	5.1 mm – 51.0 mm
Aperture	F1.8 – F2.5
Horizontal FOV	61.5° – 7°
Focus Mode	Auto
Backlight Compensation	Supported
Wide Dynamic Range	Supported
Video Resolution	4K / 1080p / 720p
Frame Rate	Up to 30 fps
Video Format	YUY2 / H.264 / H.265 / MJPEG
Microphone Array	4 Mic Linear Array
Sampling Rate	16 kHz / 48 kHz
Sensitivity	-29 dBFS
Pickup Distance	Up to 10 m
Pickup Angle	180°
SNR	65.5 dB
Audio Mode	Full Duplex
Video Output	USB 2.0, HDMI
Control Interface	USB (UVC)
Pan Range	-170° to +173°
Tilt Range	-30° to +90°
Pan Speed	0.1° – 100° / sec
Tilt Speed	0.1° – 80° / sec
Presets	1 – 9
Power Supply	DC 12V / 2A
Power Consumption	12W (Max)
Operating Temperature	-10°C to +50°C
Storage Temperature	-10°C to +60°C
Operating Humidity	20% – 80% RH
Storage Humidity	20% – 95% RH
Operating Environment	Indoor
Dimensions	160.7 x 115.1 x 131.4 mm
Weight	600 g