

NEXIS

Intelligent Lecturer Tracking HD Camera

Lecturer Tracking Camera
PTZ822AT



- ✓ AI Intelligent Lecturer Tracking
- ✓ Up to 1080P60

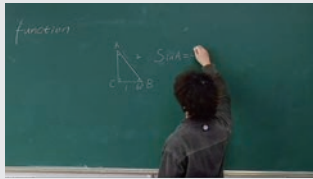
Smart Lecturer Tracking Camera PTZ822AT



Track even if lecturer wears mask.



Auto adjust tilt angle as per lecturer's height.



Board Writing Mode, with deep learning technology, go to board writing preset & track once board writing is detected.



No tracking student who stands up, or waves hands.

More:

- ✓ Keep tracking if lecturer turns around or stands still for a while.
- ✓ Track lecturer only, instead of other moving object.
- ✓ Tilt Motion while tracking.
- ✓ Track with lights on /off.
- ✓ Not track moving objects on projector.

Others



- ✓ 2.14MP, 1/2.8" CMOS UHD sensor
- ✓ 20X optical zoom for various classrooms

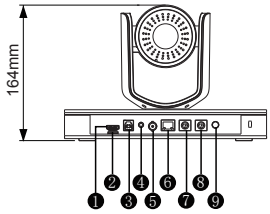
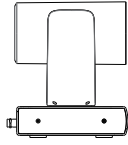
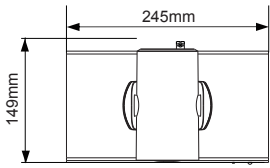


- ✓ Simultaneous video outputs via SDI, HDMI, IP and USB3.0

More:

- ✓ Integrated design; dual outputs up to 1080P60 HD resolution
- ✓ Support four streaming and RTMP streaming
- ✓ Friendly UI and simple setup

Dimensions



- ① HDMI
- ② TF Card
- ③ USB3.0
- ④ Audio
- ⑤ 3G-SDI
- ⑥ LAN
- ⑦ RS-232 OUT
- ⑧ RS-232 IN
- ⑨ DC 12V

Technical Data

Model	PTZ822AT
Tracking Camera	
Image Sensor	SONY 1/2.8"CMOS, 2.14MP
Focal Lens	f=4.7mm~94.0mm
Iris	F1.6~F3.5
Optical Zoom	20X
Digital Zoom	8X
Field of View	59.5°~2.9°
Focusing System	Auto/Manual/PTZ
Min.Illumination	0.5Lux
Shutter speed	1/60s-1/10,000s
Gain	Auto/Manual
White Balance	Auto/Manual/Auto Tracking/Static Color Temperature
Exposure	Auto/ Manual/Shutter Priority/Iris Priority/Brightness Priority
S/N	≥50dB
Menu	English
Full View Camera	
Image Sensor	SONY 1/2.8"CMOS, 2.14MP
White Balance	Auto
Exposure	Auto
Focal Lens	8mm
Field of View	Horizontal 94° , Vertical 62°
PTZ	
Pan Range	-130°~+130°
Tilt Range	-30°~+90°
Pan Speed	0.1° ~ 80°/s
Tilt Speed	0.1° ~ 60°/s
Preset Number	64
Interface	
HDMI	1×HDMI; Video Resolution: 1080P60/P50/P30 /P25, 720P60/P50
Network	1×RJ-45, 1×10M/100M RJ45 (POE Supported); 1.Video Output Format: Max 1080P60; 2.Image Compression: H.264/H.265; 3.Protocol: ONVIF/RTSP/RTMP; 4.Audio Compression: AAC; 5.Support Dual streams.
USB	1×USB3.0; 1. UVC Support UVC1.1; 2.UVC UVC Support: H.265/H.264/MJPEG, Video Resolution: 1080P30/P25, 720P30/P25, 360P30/P25; 3.UAC Audio Format PCM
3G-SDI	1×3G-SDI; Video Resolution: 1080P60/P50/P30/ P25, 720P60/P50
Audio	1×LINE IN, 3.5mm
Control Interface	1×RS-232 IN, 1×RS-232 OUT
TF Card	Support
Power Supply	DC 12V
General	
Control Protocol	VISCA
Consumption	<15W
Working Environment	Temperature: 0°C ~ 40°C, Relative Humidity: 10%RH ~ 90 %RH
Dimensions (L*W*H)	245mm×149mm×164mm
Weight	1.6kg