AVer

PTC115

Dual Lens Auto Tracking Camera

Professional PTZ Camera Provider

Smarter Tracking

15X Optical Zoom

Up to 15X Optical Zoom

Featuring a PTZ camera with a 15X optical zoom, the PTC115 sports a 350° pan and 120° tilt radius that are ideal for classrooms or meeting spaces. Precisely track the moving presenter and distinctly display important details with full HD 1080p 60fps video and a powerful remote autofocus function. Capture the full classroom experience with the most realistic and dynamic image quality.
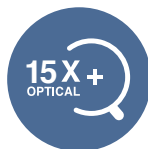
Free to Walk Around

No Extra Devices Needed

Exclusive algorithms enable the PTC115 to automatically track a presenter's face and movements. Speakers are free to walk around the classroom to give guidance without wearing any accessories. With no need to worry about the connection restrictions, charging security, or added expense of a wearable device, you can focus on easily building zero-distance interactive teaching.

Track the Speaker

Super-Wide 120° FOV

Dual Lens Design

The dual lens design integrates a PTZ camera with a super-wide 120° FOV secondary camera to track the speaker and capture a panoramic view of the classroom at the same time. Also, enable and adjust PIP mode while capturing to simultaneously view the speaker and the rest of the classroom. Clearly present every detail, and never miss a teachable moment.

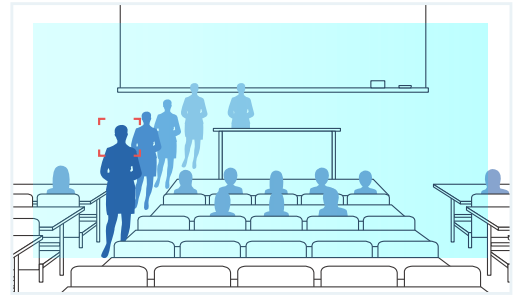| 15X + OPTICAL	120°	3		HDMI 3G-SDI IP
15X Optical Zoom	120° FOV	3 Tracking Modes	Multi-Presenter Detection	HDMI/3G-SDI /IP Output

Three AI Tracking Modes

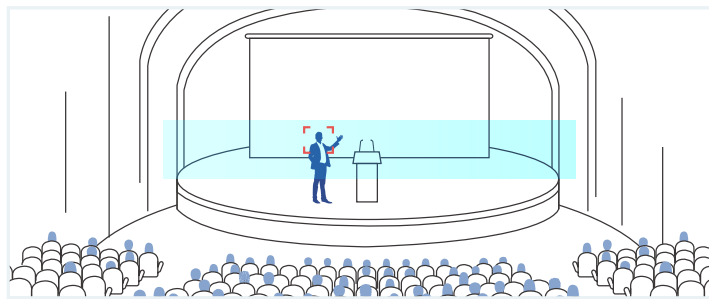Enjoy three different tracking modes with the PTC115. **Wide Area Tracking** follows presenters on and off the stage, even when they become obscured by other people or objects. **Stage Tracking** fluidly tracks targets across a stage, with Effective Zone settings allowing for up to eight blo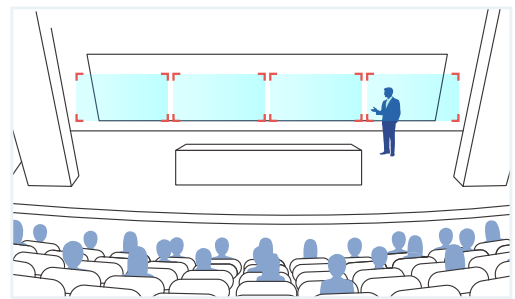cking zones so you can capture professional-looking video. **Segment Tracking** enables you to set up to four Content Zones and perfectly capture the displays rather than the presenter.

Wide Area Tracking
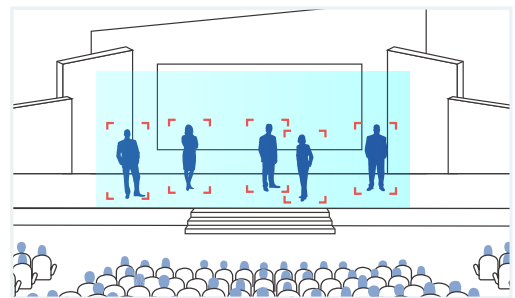

Stage Tracking

Segment Tracking

Multi-Presenter Detection

Industry leading Multi-Presenter Detection accurately tracks when there are two or more people in the camera's effective area. This feature allows teachers to conduct group discussions, interactive games, and more in front of the class. Use one camera to capture every detail of every learning situation.

* Multi-Presenter Detection only works in Wide Area and Stage Tracking modes.

PTZ Camera

Image Sensor: 1/2.8" 60fps low lux CMOS sensor	Minimum Working Distance: 1.2 m at tele end (15X) ; 0.1m at wide end (1X)
Effective Picture Elements: 2 Megapixels	White Balance: Auto / Manual (2500 - 10000)
Output Resolution: Auto, 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 720p/60	Gain: Auto / Manual
Optical Zoom: 15X	Electronic Shutter: 1/5 s to 1/32,000 s
Digital Zoom: 12X	Backlight Compensation (BLC): Off / On
Lens Focal Length: f = 4.3 mm (wide) - 64.5 mm (tele)	Exposure: Auto / Shutter Priority / IRIS Priority / Manual
Iris: F = 1.6 (wide) - 4.2 (tele)	Noise Reduction: Off / Low / Medium / High
View of Angle: DFOV = 76° (wide) - 5° (tele)	Frequency: Auto / 50 Hz / 60 Hz
Minimum Illumination: IRE50 0.47 lux (60fps) ; 0.23 lux (30fps)	S/N Ratio: >50 dB
Preset Number: 10 (IR Remote), 256 (RS232)	Horizontal Resolution: Center (800 TV Lines) ; Corner (600 TV Lines)

Pan Tilt Parameters

Pan Rotation: -175° (left) +175° (right)	Tilt Control Speed: 2° - 50°/sec
Tilt Rotation: -30° (down) + 90° (up)	Preset Speed: Pan (160°/sec), Tilt (160°/sec)
Pan Control Speed: 2° - 50°/sec	

Panoramic Camera (Full View)

Image Sensor: 1/2.8" 60fps low lux CMOS sensor	White Balance: Auto
Effective Picture Elements: 2 Megapixels	Exposure: Auto
Output Resolution: Auto, 1080p/60, 1080p/30, 720p/60	FOV: DFOV = 120°, HFOV = 110°, VFOV = 74.5°
Lens Focal Length: 2.12 mm	

Interface / Streaming / Protocol

Video Output: 3G-SDI x 2, HDMI x 1, IP (RJ45)	Network Video Compress Format: H.264
Video Output Capability: Up to 1080p/60fps	Network Protocol: RTSP, RTMP, ONVIF
Remote Control: RS232 (via optional DB9 to DIN6 adapter), IP (RJ45)	IP Video Streaming: Dual video streaming (PTZ and panoramic view)
Baud Rate: 115200 / 9600 / 4800 / 2400 bps	Control Protocol: VISCA / Pelco-D / Pelco-P
Network Interface: 10 / 100 / 1000 Base-T, supports Wake-on-LAN	Power: Power adapter DC 12V

System

Remote IR: IR sensor	Operating Humidity: 20% - 80%
Audio: PCM, AAC-LC, G.711	Storage Temperature: -20°C - +60°C
LED: Power (blue = on, red = off)	Storage Humidity: 20% - 95%
Security: Kensington slot	Dimensions: L = 201 mm, W = 210 mm, H = 176 mm
Infrared Remote: Receiver on front of camera	Weight: 1.75 kg
Power Adapter: AC 110V - AC 220V to DC 12V/5A	Application: Indoor
Consumption: 24 W (max.)	Accessories: Remote control, 12V/5A power adapter, DB9 to DIN6 adapter, quick guide
Operating Temperature: 0°C - +40°C	

Warranty

Camera: 3 Years	Accessories: 1 Year

Hardware Specifications

Front Panel

PTZ Camera
Power Indicator
Panoramic Camera

Back Panel

RJ45
3G-SDI 2
3G-SDI 1
HDMI
Audio Line in
DC 12V
RS232

Distributor/Dealer