PTC115+

Dual Lens Auto Tracking Camera

USB

Smarter Tracking

USB Connectivity Rocks!

Are you ready to experience plug-and-play video streaming? New USB connectivity for the PTC115+ allows you to shift from audience mode to presenter mode during a video conferencing session. Also, unparalleled UVC and UAC protocols make these cameras compatible with popular streaming and broadcasting software so you can go live anytime.

22X Optical Zoom

Up to 22X Optical Zoom

Featuring a PTZ camera with a 22X 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.
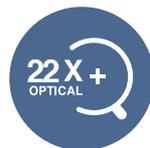
Free to Walk Around

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, you can 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.

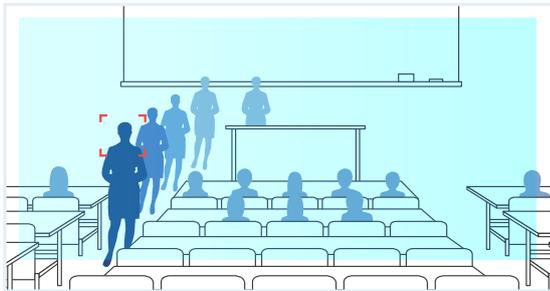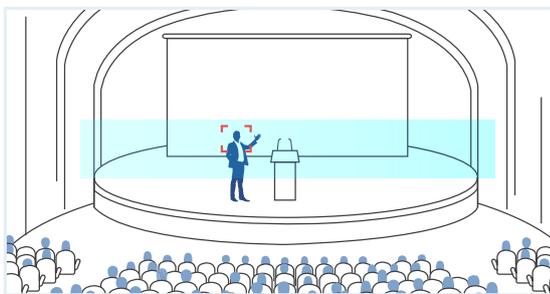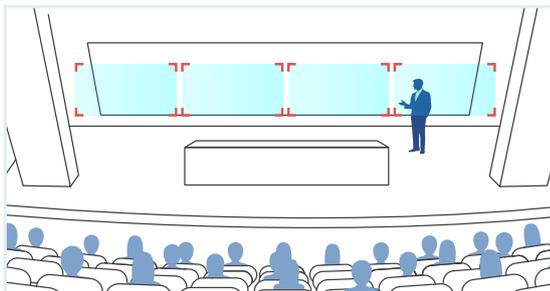| 22X Optical Zoom | 120° FOV | 3 Tracking Modes | Multi-Presenter Detection | USB/IP/HDMI/3G-SDI |

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.
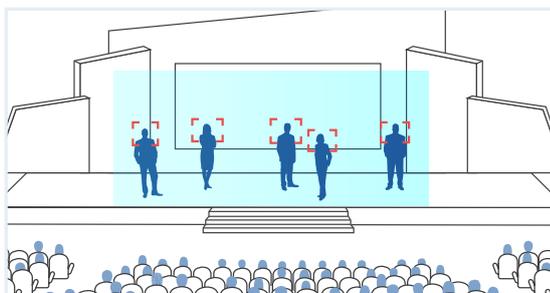

Stage Tracking fluidly tracks targets across a stage, with Effective Zone settings allowing for up to eight blocking zones so you can capture professional-looking video.

Segment Tracking enables you to set up to four Content Zones and perfectly capture the displays rather than the presenter.

More AI Benefits

Multi-Presenter Detection Industry leading Multi-Presenter Detection accurately helps when there are two or more people in the camera's effective area. This feature allows the camera to continue tracking when teachers 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.

Product Specifications

PTZ Camera		AI Auto Tracking Functions	
Image Sensor	1/2.8" 1080p Exmor CMOS	Tracking Modes	Wide Area, Stage, Segment
Effective Picture Elements	2 Megapixels	**Web UI**	
Output Resolutions	Auto, 1080p/60, 1080p/50, 1080p/30, 1080i/60, 1080i/50, 720p/60	Live Video Preview	Yes
Minimum Illumination	0.47 Lux (IRE50, F1.6, 60fps); 0.23 Lux (IRE50, F1.6, 30fps)	Camera PTZ Control	Pan, Tilt, Zoom, Focus, Preset Control
S/N Ratio	> 50 dB	Camera/Image Adjustment	Exposure, White Balance, Picture
Gain	Auto, Manual	Network Configuration	DHCP, IP Address, Gateway, Subnet Mask, DNS
TV Lines	900 (Center), 600 (Corner)	**General**	
Shutter Speed	1/5 to 1/32,000 sec	Power Requirement	AC 110–220V to DC 12V/5A
Exposure Control	Auto, Manual, Priority AE (Shutter, IRIS)	Power Consumption	24W
White Balance	Auto, Manual	PoE	PoE+
Optical Zoom	22X	Dimensions (W x H x D)	202 x 178 x 210 mm
Digital Zoom	12X	Net Weight	1.75 (±0.1) kg
Sensor Zoom	1X	Application	Indoor
Viewing Angles	DFOV: 73° (Wide) ~ 4.2° (Tele) HFOV: 67° (Wide) ~ 3.7° (Tele) VFOV: 38° (Wide) ~ 2.1° (Tele)	Tally Lamp	N/A
		Security	Kensington Slot
		Remote Control	Infrared
Focal Length	f = 4.3 mm (Wide) to 94.6 mm (Tele)	Operating Conditions	Temperature: 0°C to 40°C Humidity: 20% to 80%
Aperture (Iris)	F = 1.6 (Wide) to 4.3 (Tele)		
Minimum Working Distance	0.1 m (Wide), 1.2 m (Tele)	Storage Conditions	Temperature: -20°C to 60°C Humidity: 20% to 95%
Pan / Tilt Angles	Pan: ±175°, Tilt: +90°/-30°		
Pan / Tilt Speed (Manual)	Pan: 2° to 50°/sec, Tilt: 2° to 50°/sec	**IP Streaming**	
Preset Speed	Pan: 160°/sec, Tilt: 160°/sec	Resolution	1080p 60fps (Dual Stream)
Preset Positions	10 (IR), 256 (RS-232)	Network Video Compression Formats	H.264, MJPEG
Camera Control - Interfaces	RS-232 (DIN8)/IP		
Camera Control - Protocols	VISCA (RS-232/IP), PELCO-D & PELCO-P (RS-232), CGI (IP)	Maximum Frame Rate	1080p 60fps (Dual Stream)
Image Processing	Noise Reduction	Bit-Rate Control Modes	CBR
Power Frequencies	Auto, 50 Hz, 60 Hz	Bit-Rate Range Setting	512 Kbps to 6 Mbps
Panoramic Camera (Full View)		Network Interface	10/100/1000 Base-T
Image Sensor	1/2.8" 1080p Exmor CMOS	Multi-Stream Capability	3 (2 for RTSP, 1 for Web Page), 1080p 60fps (max.)
Effective Picture Elements	2 Megapixels	Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA Over IP, ONVIF
Output Resolutions	Auto, 1080p/60, 1080p/30, 720p/60		
Focal Length	2.12 mm	**USB**	
Exposure Control	Auto	Connector	USB 2.0
White Balance	Auto	Video Format	MJPEG, YUY2
Viewing Angles	DFOV: 120° HFOV: 110° VFOV: 74°	Maximum Video Resolution	1080p
		USB Video Class (UVC)	UVC 1.1
		USB Audio Class (UAC)	UAC 1.0
Audio		**Software Tools**	
Channels	1ch Mono (RTSP), 2ch Stereo (HDMI/UAC)	IP Search and Configuration Tool	Supports Windows® 7 or later
Codecs	AAC-LC (48K), G.711 (8K)	PTZ Management	Supports Windows® 7 or later
Sample Rates	48/8 KHz	PTZ Control Panel	Supports iPadOS® 11 or later
Interface		CaptureShare	Supports Windows® 7 or later, macOS® 10.14 or later
Video Outputs	USB, IP, HDMI, 3G-SDI	**Warranty**	
Audio Outputs	USB, IP, HDMI	Camera	3 Years
Audio Inputs	Line in	Accessories	1 Year
Optional Accessories		**Package Contents**	
AVer CL01 PTZ Camera Controller, L-Type Wall Mount, D-Type Ceiling Mount		Remote Control, Power Adapter, Power Cord, Quick Start Guide	

* Specifications may vary depending on location and are subject to change without notice.

Hardware Specifications

Front

- PTZ Camera
- Power Indicator
- Panoramic Camera

Back

- PoE+
- USB Type-B
- 3G-SDI
- HDMI
- Kensington Lock
- DC 12V
- RS-232
- Line in

Distributor/Dealer

CE FC RoHS COMPLIANT

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