



# PTC115+

Dual Lens Auto Tracking Camera



# 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.

## 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.



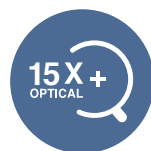
## No Extra Devices Needed

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.



## 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.



15X Optical Zoom



120° FOV



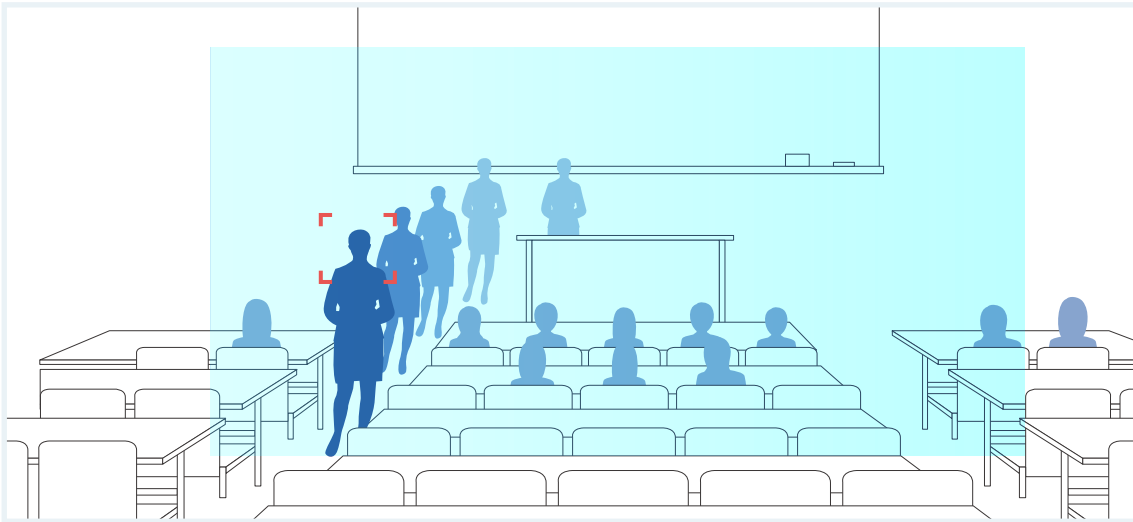
Wide Area Tracking



Multi-Presenter Detection

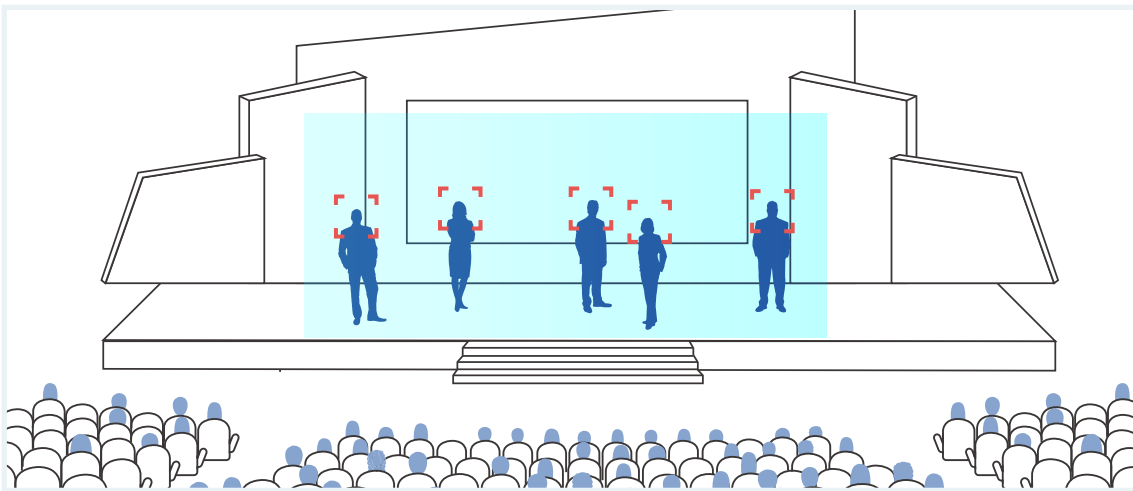


USB/IP/HDMI/3G-SDI



## Wide Area Tracking

With advanced targeting algorithms, the PTC115+'s Wide Area Tracking follows your target everywhere via extremely accurate tracking that is widely recognized as a market performance leader. Your target can freely leave the stage and interact with crowds or students while being continuously captured, even if obscured by people or objects. The PTC115+ helps you to capture every brilliant moment.



## 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.

## Product Specifications

PTZ Camera		AI Auto Tracking Functions	
Image Sensor	1/2.8" 1080p Low Lux CMOS	Tracking Modes	Wide Area
Effective Picture Elements	2 Megapixels	<b>Web UI</b>	
Output Resolutions	Auto, 1080p/60, 1080p/50, 1080p/30, 1080i/60, 1080i/50, 720p/60	Live Video Preview	Yes
Output Resolutions	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)	<b>General</b>	
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	15X	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) to 4.9° (Tele)	Tally Lamp	N/A
	HFOV : 65° (Wide) to 4.3° (Tele)	Security	Kensington Slot
	VFOV : 38° (Wide) to 2.4° (Tele)	Remote Control	Infrared
Focal Length	f = 4.3 mm (Wide) to 64.5 mm (Tele)	Operating Conditions	Temperature: 0°C to 40°C
Aperture (Iris)	F = 1.6 (Wide) to 4.2 (Tele)		Humidity: 20% to 80%
Minimum Working Distance	0.1 m (Wide), 1.2 m (Tele)	Storage Conditions	Temperature: -20°C to 60°C
Pan / Tilt Angles	Pan: ±175°, Tilt: +90°/-30°		Humidity: 20% to 95%
Pan / Tilt Speed (Manual)	Pan: 2° to 50°/sec, Tilt: 2° to 50°/sec	<b>IP Streaming</b>	
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	Maximum Frame Rate	1080p 60fps (Dual Stream)
Camera Control - Protocols	VISCA (RS-232/IP), PELCO-D & PELCO-P (RS-232), CGI (IP)	Bit-Rate Control Modes	CBR
Image Processing	Noise Reduction	Bit-Rate Range Setting	512 Kbps to 6 Mbps
Power Frequencies	Auto, 50 Hz, 60 Hz	Network Interface	10/100/1000 Base-T
<b>Panoramic Camera (Full View)</b>		Multi-Stream Capability	3 (2 for RTSP, 1 for Web Page), 1080p 60fps (max.)
Image Sensor	1/2.8" 1080p Low Lux CMOS	Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA Over IP, ONVIF
Effective Picture Elements	2 Megapixels	<b>USB</b>	
Output Resolutions	Auto, 1080p/60, 1080p/30, 720p/60	Connector	USB 2.0
Focal Length	2.12 mm	Video Format	MJPEG, YUY2
Exposure Control	Auto	Maximum Video Resolution	1080p
White Balance	Auto	USB Video Class (UVC)	UVC 1.1
Viewing Angles	DFOV: 120°	USB Audio Class (UAC)	UAC 1.0
	HFOV: 110°	<b>Software Tools</b>	
	VFOV: 74°	IP Search and Configuration Tool	Supports Windows® 7 or later
<b>Audio</b>		PTZ Management	Supports Windows® 7 or later
Channels	1ch Mono (RTSP), 2ch Stereo (HDMI/UAC)	PTZ Control Panel	Supports iPadOS® 11 or later
Codecs	AAC-LC (48K), G.711 (8K)	CaptureShare	Supports Windows® 7 or later, macOS® 10.14 or later
Sample Rates	48/8 KHz	<b>Warranty</b>	
<b>Interface</b>		Camera	3 Years
Video Outputs	USB, IP, HDMI, 3G-SDI	Accessories	1 Year
Audio Outputs	USB, IP, HDMI	<b>Package Contents</b>	
Audio Inputs	Line in	Remote Control, Power Adapter, Power Cord, Quick Start Guide	
<b>Optional Accessories</b>			
AVer CL01 PTZ Camera Controller, L-Type Wall Mount, D-Type Ceiling Mount			

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

## Hardware Specifications

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