

Product Specifications

PTZ Camera

- Image Sensor: 1/2.8" 60fps low lux CMOS sensor
- Effective Picture Elements: 2 megapixels
- Output Resolution: auto, 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 720p/60
- Optical Zoom: 30X
- Digital Zoom: 12X
- Lens Focal Length: f = 4.3mm (wide) ~ 129mm (tele)
- Iris: F = 1.6 (wide) ~ 4.7 (tele)
- View of Angle: DFOV = 76° (wide) ~ 3° (tele)
- Minimum Illumination: IRE50: 0.47 lux (60fps) ; 0.23 lux (30fps)
- Preset Number: 10 (IR Remote), 256 (RS232)
- Minimum Working Distance: 1.2m at tele-end (30X) ; 0.1m at wide-end (1X)
- White Balance: auto / manual (2500 ~ 10000)
- Gain: auto / manual
- Electronic Shutter: 1/5 s to 1/32000 s
- Back Light Compensation (BLC): off / on
- Exposure: auto / shutter priority / iris priority / manual
- Noise Reduction: off / low / medium / high
- Frequency: auto / 50Hz / 60Hz
- S/N Ratio: >50db
- Horizontal Resolution: center: 800 TV lines ; corner: 600 TV lines

Pan Tilt Parameter

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

Panoramic Camera (Full View)

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

Interface / Streaming / Protocol

- Video Output: 3G-SDI*2, HDMI*1, IP (RJ45)
- Video Output Capability: up to 1080p/60fps
- Remote Control: RS232 (via optional DB9 to DIN6 adapter), IP (RJ45)
- Baud Rate: 115200 / 9600 / 4800 / 2400bps
- Network Interface: 10/100/1000 Base-T, support Wake-on-LAN
- Network Video Compress Format: H.264
- Network Protocol: RTSP, RTMP, ONVIF
- IP Video Streaming: dual video streaming (PTZ and panoramic view)
- Control Protocol: VISCA / Pelco-D / Pelco-P
- Power: DC12V, power adapter

System

- Remote IR: IR sensor
- Audio: PCM, AAC-LC, G.711
- LED: power (blue-open, red-close)
- Security: Kensington slot
- Infrared Remote: receiver on front of camera
- Power Adapter: AC110V-AC220V to DC12V/5A
- Consumption: 24W (max.)
- Operating Temperature: 0°C ~ +40°C
- Operation Humidity: 20% ~ 80%
- Storage Temperature: -20°C ~ +60°C
- Storage Humidity: 20% ~ 95%
- Dimensions: L = 201.09mm, W = 210mm, H = 176mm
- Weight: 1.75kg
- Application: indoor
- Accessory: remote control, 12V/5A power adapter, DB9 to DIN6 adapter, user manual

Warranty

- Camera: 3 years
- Accessories: 1 year

Hardware Specifications

Front Panel



Back Panel



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Distributor/Dealer



PTC500S

Professional Auto Tracking Camera



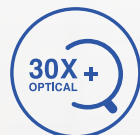
THE FUTURE OF TRACKING

Create engaging video for streaming, sharing, and recording during lectures, demonstrations, video conferences, speeches, and more with the AVer PTC500S Professional Auto Tracking Camera. The PTC500S boasts a powerful PTZ camera with 30X optical zoom and a secondary 120° FOV panoramic camera, providing users crystal-clear full HD 1080p video resolution. Three tracking modes and Multi-Presenter Detection eliminate the need for an experienced camera operator.

Full HD
1080p60

30X
Optical Zoom

120°
FOV



30X Optical Zoom



120° FOV



3 Tracking Modes



HDMI/3G-SDI/IP
Output



Full HD 1080p60



3-Year Warranty

WIDE AREA TRACKING

Capture Every Interaction

Track your targets wherever they go with Wide Area Tracking. This innovative function provides presenters the flexibility to leave the stage and interact with audiences, as tracking continues even when the target is obscured by other people or objects.

STAGE TRACKING

Avoid Distraction

Get high-quality, hands-free video streaming and recording with Stage Tracking. Effective Scene settings allow you to block up to 8 areas so you can fluidly track your target and capture professional-level video.

SEGMENT TRACKING

Never Miss a Step

Easily capture content on multiple displays with Segment Tracking. Create up to 4 Content Zones that enable immediate recognition and tracking of your target moving between Content Zones, perfectly capturing the display content.