Product specifications

PTZ camera
- Image sensor: 1/2.8" 60fps low lux CMOS sensor, 2 mega pixels
- Output resolution: auto, 1080p/60, 1080p/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 locations by remote (256 via RS232)
- Minimum working distance: 1.2 meter at tele-end (30X); 0.1 meter at wide-end (1X)
- White balance: auto/manual (2500 ~ 10000)
- Gain: auto/manual
- Electronic shutter: 1/5 s to 1/32000 s
- BLC (back light compensation): 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 with WDR
- Effective picture elements: 2MP
- Output resolution: auto, 1080p/60, 1080p/30, 720p/60
- Lens focal length: 2.12mm
- White balance: auto
- Exposure: auto
- FOV: DFOV=120°

Interface/Streaming/Protocol
- 3G-SDI*2, HDMI*1, IP (RJ45)
- Video output capability: up to 1080P@60fps
- Remote control: RS232 (DIN6), IP (RJ45)
- Baud rate: 115200/9600/4800/2400 bps
- 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 protocal: VISCA/Pelco-D/Pelco-P
- Power: DC12V, power jacket

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
- Operating temperature: 0°C ~ +40°C
- Operation humidity: 20% ~ 80%
- Storage temperature: -20°C ~ +60°C
- Storage humidity: 20% ~ 95%
- Dimensions: L=201mm, W=210mm, H=176mm
- Weight: 1.75kg
- Accessory: remote control, 12V/5A power adapter, DIN6 adapter, user manual

Warranty*
- Camera: 3+2 year
- Accessories: 1-year

**Please register online to receive free 2 year warranty extension. For detailed warranty information, please contact an AVer representative.*

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Hardware specifications

Front panel

Back panel

www.aver.com

Distributor/Dealer

201801

PTC500S

Professional Auto Tracking Camera

Professional PTZ Camera Provider

ENHANCE YOUR ACCURACY WITH THE PTC500S

Professional Auto Tracking Camera

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 without the need of an experienced camera operator.

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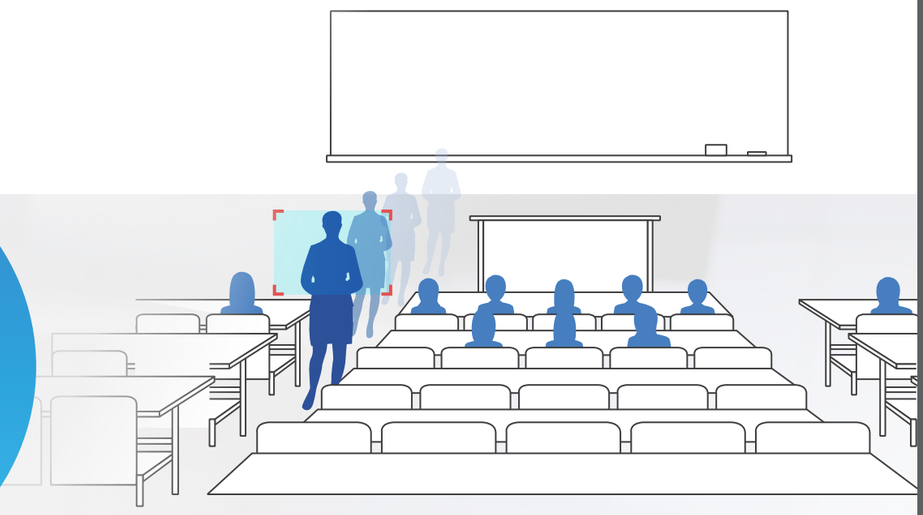
winner

TAIWAN EXCELLENCE
GOLD AWARD 2017

FullHD
1080p60

30X
Optical zoom

120°
FOV



WIDE AREA TRACKING

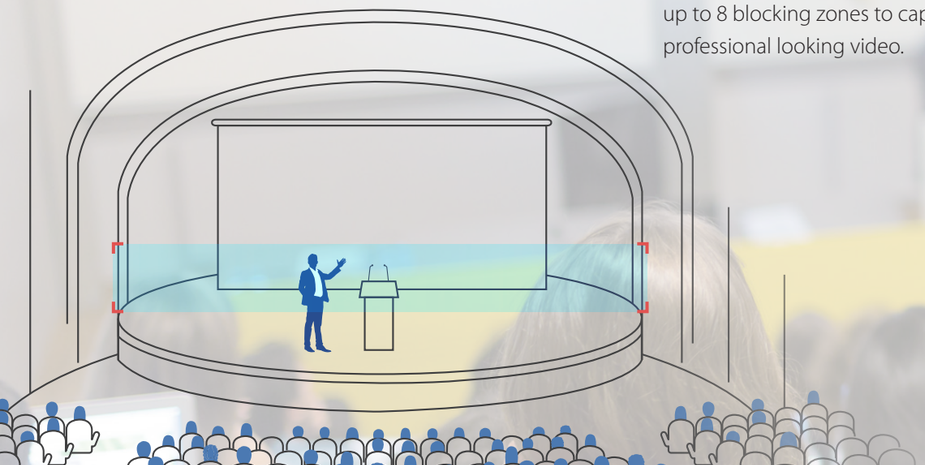
Capture Every Interaction

Track your target everywhere with Wide Area Tracking. Wide Area Tracking provides presenters the flexibility to leave the stage and interact with a crowd or students, all while being continuously tracked even if they become obscured by other people or objects.

STAGE TRACKING

Track Your Target in Any Environment

Get high quality, hands-free video streaming and recording with Stage Tracking. Fluidly track your target with Effective Zone settings allowing for up to 8 blocking zones to capture strategic professional looking video.



SEGMENT TRACKING

Never Miss a Step

Enhance the capturing of content on multiple displays with Segment Tracking. Create 4 Content Zones that allow for immediate recognition and tracking of your target as they move between Content Zones, perfectly capturing the content on display rather than your presenter.