TAIWAN EXCELLENCE
GOLD AWARD 2017

PTC500

Professional Auto Tracking Camera



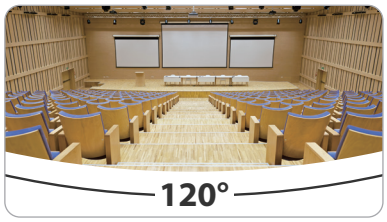
The AVer PTC500 is the ideal professional tracking camera for all kinds of applications. Boasting a powerful PTZ camera with 30X optical zoom, it can track and film moving people or objects even if other people cross through its field of vision. It also features a wide-angle camera that provides a panoramic view for conveniently previewing the whole space. Users can set up through AVer's AcuControl software, which offers an intuitive interface with a variety of precise setup options. With its market-leading quality and customizability, the PTC500 creates engaging video for streaming, sharing and recording a variety of activities, such as lectures, demonstrations, video conferences, speeches, and more.

HDMI · Full HD 1080 · 30x optical · Warranty 3 Year · ONVIF



Market Leading 30X Optical Zoom

Even when placed at the far end of a large room the PTC500 can provide crystal-clear images of people or objects thanks to its 30X optical zoom.



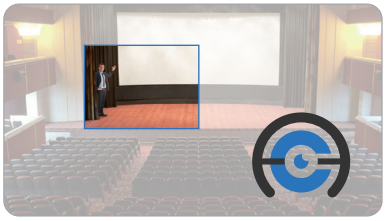
120° FOV Panoramic View

The PTC500 features a second camera on its base, offering a panoramic view thanks to its 120° FOV, ample for taking in rooms of all shapes, types, and sizes.



High Tracking Accuracy

The PTC500 offers high-accuracy tracking with the ability to set 1 target zone and 8 blocking zones. Tracking remains smooth and unbroken even if other people or objects pass in front of the target.



AcuControl Free Software

Adjust settings and preview video ahead of time using the free, user-friendly AcuControl software. AcuControl also allows users to transfer video via IP streaming and supports the ONVIF protocol.

PTC500

Professional Auto Tracking Camera

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=3.9mm (wide) ~ 129mm (tele)
- Iris: f=1.6 (wide) ~ 4.7 (tele)
- View of angle: DFOV=72.9°(wide) ~ 2.64°(tele)
- Minimum illumination: IRE50 0.47 lux (60fps); 0.3 lux (30fps)
- Preset number: 10 locations by remote (256 via RS232)
- Minimum working distance: 1.5 meter at tele-end (30X); 0.5 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 750 TV lines; corner 600 TV lines

Pan tilt parameter

- Pan rotation: -175° (left) + 175° (right)
- Tilt rotation: -30° (down) + 90° (up)
- Pan control speed: 0.1° ~ 160°/sec
- Tilt control speed: 0.1° ~ 120°/sec
- Preset speed: pan 160°/sec; tilt 120°/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*1 (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, 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: 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
- Remote maintenance: remote update, remote reboot, remote reset
- Accessory: remote control, 12V/5A power adapter, DIN6 adapter, user manual

AcuControl

- Free download on App Store
- Switch camera working mode and define camera presets
- Set tracking and shielded zone
- Adjust the output format and tracking sensitivity
- Diagnose operating status
- Supported devices and platform
  - iPad (iOS v8)
- System requirements for iPad
  - iPad mini 2, iPad mini 3, iPad Air, iPad Air 2
  - Chipset: Apple A7 or higher
- Features
  - 1/2.8” high quality low lux CMOS sensor
  - PTZ camera with 30X total zoom
  - 1080p/60fps high definition signal output
  - Built-in panoramic camera and tracking camera for integrated fusion
  - Accurate algorithms with smooth and precise tracking
  - High speed of tracking rotation: 120°/sec
  - Support ONVIF, RTSP protocols

Warranty*

- 3 years

** For detailed warranty information, please contact an AVer representative.*

Hardware specifications

Front



Back



AVer
www.aver.com

CE FC RoHS COMPLIANT

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