Product Datasheet

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AVer PTC500 Professional Auto Tracking Camera



台灣精品金質獎 TAIWAN EXCELLENCE GOLD AWARD 2017

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 protocol: 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℃ ~ +40℃
- Operation humidity: 20% ~ 80%
- Storage temperature: -20℃ ~ +60℃
- 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

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