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PTC330UV2
AI Auto Tracking PTZ Cameras

Precision Matters

Intro Video (https://www.youtube.com/embed/j25xQbkSmPc?autoplay=0&autohide=1&fs=1&rel=0&hd=1&wmode=opaque&enablejsapi=1)

Awards & Certifications
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AI Auto Tracking PTZ Camera

The PTC330UV2 AI Auto Tracking PTZ Camera makes powerful and reliable Pro AV capability available to everyone. Drawing inspiration from the AVer Professional PTZ Camera family, the PTC330UV2 features in-house AI functions like Presenter Mode, Zone Mode and Hybrid Mode auto tracking, thanks to Human Detection processing. Combine the 30X Optical Zoom lens and 4K resolution with hybrid auto tracking and smooth PTZ functions for broadcasting, streaming, or recording. Your exciting journey of audio and video capturing starts here!
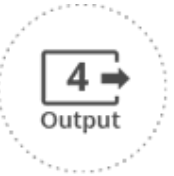
* Voice Tracking requires PTZ Link(https://presentation.aver.com/line/pro-av/ptz-link)

4K Ultra HD Resolution **30X Optical Zoom** **IP/HDMI/USB/3G-SDI** **Human Detection AI** **Presenter Mode** **Zone Mode** **Hybrid Mode**

Intuitive Web UI **Upside-Down Installation** **Voice Tracking***

Model	PTC310HWV2	PTC310UV2	PTC330UV2	PTC320UNV2	PTC320UV2
Output Resolutions	1080p	4K	4K	4K	4K
Effective Picture Elements	2 MP	8 MP	8 MP	8 MP	8 MP
Optical Zoom	12X	12X	30X	21X	21X
3G-SDI Port	✘	✔	✔	✔	✔
HDMI Port	✔	✔	✔	✔	✔
PoE+ Port	✔	✔	✔	✔	✔
USB Port	✔	✔	✔	✔	✔
NDI®|HX	License Upgrade	License Upgrade	License Upgrade	✔ NDI HX2	License Upgrade
	More(/model/ptc310hwv2)	More(/model/ptc310uv2)	More(/model/ptc330uv2)	More(/model/ptc320unv2)	More(/model/ptc320uv2)

Specifications

Camera

Image Sensor

- 1/2.8' 4K Exmor CMOS

Effective Picture Elements

- 8 Megapixels

Output Resolutions

- 4K/30, 4K/29.97, 4K/25, 1080p/60, 1080p/59.94, 1080p/50, 1080p/30, 1080p/29.97, 1080p/25, 1080i/60, 1080i/59.94 1080i/50, 720p/60, 720p/59.94, 720p/50

Minimum Illumination

- 0.5 lux (IRE50, F1.6, 30fps)

S/N Ratio

- ≥ 50dB

Gain

- Auto, Manual

TV Lines

- 1400 (Center/Wide)

Shutter Speed

- 1/1 to 1/32,000 sec

Exposure Control

- Auto, Manual, Priority AE (Shutter, IRIS), BLC, WDR

White Balance

- Auto, Manual, ATW, One Push

Optical Zoom

- 30X

Digital Zoom

- 12X

Total Zoom

- 360X

Viewing Angles

- DFOV : 72.9° (Wide) to 2.64° (Tele)
- HFOV : 65.1° (Wide) to 2.34° (Tele)
- VFOV : 38.4° (Wide) to 1.36° (Tele)

Focal Length

- f = 4.3 mm (Wide) to 129 mm (Tele)

Aperture (Iris)

- F = 1.6 (Wide) to 4.7 (Tele)

Minimum Working Distance

- 0.01 m (Wide), 1.2m (Tele)

Pan / Tilt Angles

- Pan : ±170°, Tilt : +90° / -30°

Pan / Tilt Speed (Manual)

- Pan : 0.1° to 100° /sec, Tilt : 0.1° to 100° /sec

Preset Speed

- Pan : 200° /sec, Tilt : 200° /sec

Preset Positions

- 10 (IR), 255 (RS-232, RS-422, IP)

Camera Control - Interfaces

- RS-232 (DIN8), RS-422 (RJ45), IP

Camera Control - Protocols

- VISCA (RS-232 / RS-422 / IP), PELCO-D & PELCO-P (RS-232 / RS-422), CGI (IP)

Image Processing

- Noise Reduction (2D / 3D), Flip, Mirror

Power Frequencies

- 50Hz, 60Hz

- **AI Auto Tracking Functions**

  ### Tracking Modes
  - Presenter Mode, Zone Mode, Hybrid Mode

- **Privacy Protection Mechanism**

  ### Protection Mode
  - Sleep Mode

- **Audio**

  ### Channels
  - 2ch Stereo

  ### Codecs
  - AAC-LC, PCM

- **Interface**

  ### Video Outputs
  - 3G-SDI, HDMI, IP, USB

  ### Audio Outputs
  - 3G-SDI, HDMI, IP, USB

  ### Audio Inputs
  - MIC in, Line in

- **General**

Power Requirement

- AC 100 - 240V to DC 12V/5A

Power Consumption

- 19W

PoE

- PoE+

Dimensions (W x H x D)

- 180.0 x 192.0 x 145.0 mm

Net Weight

- 2.0 (±0.1) kg

Application

- Indoor

Tally Lamp

- Yes

Security

- Kensington Slot

Remote Control

- Infrared

Operating Conditions

- Temperature: 0°C to +40°C ; Humidity: 20% to 80%

Storage Conditions

- Temperature: -20°C to +60°C ; Humidity: 20% to 95%

- **IP Streaming**

Resolution

- 4K 30fps

Network Video Compress Formats

- H.264, H.265, MJPEG

Maximum Frame Rate

- 4K 30fps

Bit-rate Control Modes

- VBR, CBR (selectable)

Range of Bit-Rate Setting

- 512 Kbps to 32 Mbps

Network Interface

- 10 / 100 / 1000 Base-T

Multi-Stream Capability

- 2 (RTSP / Web Page), 4K 30fps (max.)

Network Protocols

- IPv6, IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP / RTCP, RTSP, RTMP, VISCA over IP

NDI®|HX Capability

- License Upgrade

- **USB**

Connector

- USB 3.1

Video Formats

- MJPEG, YUY2

Maximum Video Resolution

- 2160p

USB Video Class

- UVC1.1

USB Audio Class

- UAC1.0

- **Web UI**

Live Video Preview

- Yes

Camera PTZ Control

- Pan, Tilt, Zoom, Focus, Preset Control

Camera / Image Adjustment

- Exposure, White Balance, Picture

Network Configuration

- DHCP, IP Address, Gateway, Subnet Mask, DNS

- **Software Tools**

IP Search & Configuration Tool

- Support Windows$^{®}$ 7 or later

PTZ Management

- Support Windows$^{®}$ 7 or later

PTZ Control Panel

- Supports iOS & iPadOS® 11 or later

PTZ Link

- Support Windows® 7 or later, macOS® 10.14 or later

OBS Plugin for PTZ Cameras

- Support Windows® 8 or later, macOS® High Sierra v10.13 or later

CaptureShare

- Support Windows® 7 or later, macOS® 10.14 or later

- **Warranty**

Camera

- 5 Years

Accessories

- 1 Year

Package Contents

- Camera, Drilling Paper, Ceiling Mount Bracket (x2) Quick Start Guide, Cable Fixing Plate, M2 x 4 mm Screw (x3), Power Adapter & Power Cord, 1/4'-20 L=6.5 mm Screw (x2), Remote Control, M3 x 6 mm Screw (x3), DIN 8 to D-Sub 9 Cable, RS-232 In/Out Y Cable, Cable Ties (x4)

Optional Accessories

- AVer CL01 PTZ Camera Controller, L-Type Wall Mount

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

URL

Accessories

PN: 0412S510-AR4

Standard:

Remote Control

PN: 04091R5AAABX

Standard:

Batteries

PN: 04131HGOOAPF

Standard:

12V/5A Power Adapter

PN: 064APOWERA5P (UK)
064APOWERCBX (EU)

Standard:

Power Cord

PN: 60S3300000AD

Standard:

Ceiling Mount Brackets

PN: 112AS310-AWL
112AS310-AWX

Standard:

Cable Fixing Plates

PN: 064AOTHERBPK

Standard:

RS-232 DIN 8 to D-Sub 9 Cable

PN: 064AOTHERCCN

Standard:

RS-232 In/Out Cable

PN: 60S3300000AB

Optional:

PTZ Camera Controller CL01

PN: 60V2B10000AL

Optional:

L-Type Wall Mount

PN:064AUSB--CC5

Optional:

USB 3.1 Type-A to A cable (10m) **

PN:064AUSB--CC6

Optional:

USB 3.1 Type-A to A cable (20m) **

Resources

PN:064AUSB--CDS

Optional:

USB 3.1 Type-A to A cable (30m) **

* Please contact local authorized dealer/distributor for purchasing optional accessories.
** AVer USB3.0 extender only supports USB3.0 port of PC. It's not compatible with USB2.0.

[AVer PTC330UV2 Brochure](#)

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- [Professional PTZ Cameras Brochure](#)

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- [AVer PTZ Cameras Certification Card](#)

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- [PTC300 Series Intro Video](#)

[(https://www.youtube.com/embed/j25xQbkSmPc?autoplay=0&autohide=1&fs=1&rel=0&hd=1&wmode=opaque&enablejsapi=1)](https://www.youtube.com/embed/j25xQbkSmPc?autoplay=0&autohide=1&fs=1&rel=0&hd=1&wmode=opaque&enablejsapi=1)

- [PTC300 Series Feature Video](#)

[(https://www.youtube.com/embed/WC5jXQjYGqg?autoplay=0&autohide=1&fs=1&rel=0&hd=1&wmode=opaque&enablejsapi=1)](https://www.youtube.com/embed/WC5jXQjYGqg?autoplay=0&autohide=1&fs=1&rel=0&hd=1&wmode=opaque&enablejsapi=1)

- [PTC300 Series How-to Video](#)

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Remember my choice for next time?

No   Yes

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