Product specifications

Camera

Image sensor	1/2.8" 1080p 60fps Exmor CMOS
Effective picture elements	Approx. 2.1 Megapixels
Output Resolution	Auto, 1080p/60, 1080p/59.94, 1080p/50, 1080i/60, 1080i/59.94, 1080i/50, 1080p/30, 1080p/29.97, 1080p/25, 720p/60, 720p/59.94, 720p/50
Minimum Illumination	PTZ330/0.3 lux (IRE50, F1.6, 30FPS); PTZ310/0.4 lux (IRE50, F1.6, 30FPS)
S/N ratio	> 50dB
Gain	Auto/Manual
TV Line	PTZ330/800 (center/wide), 600 (center/wide); PTZ310/800 (center/wide), 700 (corner/wide)
Shutter Speed	1/1s to 1/32,000s
Exposure Control	Auto, Manual, Priority AE(Shutter, IRIS), BLC
White balance	Auto/Indoor/Outdoor/One-push/Manual(2500 - 10000)
Optical Zoom	PTZ330/30X; PTZ310/12X
Digital Zoom	12X
Horizontal Viewing Angle	PTZ330/67° (Wide) ~ 6.3° (Tele); PTZ310/72.5° (Wide) ~ 6.3° (Tele)
Focal length	PTZ330/f = 4.3 mm (Wide) ~ 129 mm (Tele); PTZ310/f = 3.9 mm (Wide) ~ 46.8 mm (Tele)
Aperture (Iris)	PTZ330/F = 1.6 (wide) ~ 4.7 (Tele); PTZ310/F = 1.6 (Wide) ~ 2.8 (Tele)
Minimum working distance	PTZ330/Wide - 0.1 m, Tele - 1.2 m; PTZ310/Wide - 0.3 m, Tele - 1.5 m
Pan/Tilt Angle	Pan: -+ 130° , Tilt: +90° /-30°
Pan/Tilt Speed (manual)	Pan: 0.1~100° /sec, Tilt: 0.1~100° /sec
Preset Speed	Pan: 200° /sec, Tilt: 200° /sec
Preset Position	10 (IR), 255 (RS232)
Camera Control - IR	Yes
Camera Control - Interface	RS232 (DIN8) / RS422 (RJ45)
Camera Control - Protocol	VISCA/PELCO-D (RS232/RS422/IP), CGI (IP)
Image Processing	Noise Reduction (2/3D), Filp, Mirror
Power Frequency	Auto/50Hz/60Hz

Audio

Audio - Channel	2ch (stereo)
Audio - Codec	AAC-LC (48/44.1/32/24), G.711/PCM (16K/8K)
Audio - Sample Rate	48/44.1/32/24/16/8Khz

Interface

Video Output	3G-SDI, HDMI, IP
Audio Output	3G-SDI, HDMI, IP
Audio Input	MIC/Line in

General

Power Requirement	AC100V-AC240V to DC12V/5A
PoE	POE+ (IEEE 802.3at), Class 4
Operating Condition	Temperature: 0℃ ~ +40℃; Humidity: 20% ~80%
Storage Condition	Temperature: -20℃ ~ +60℃; Humidity: 20% ~ 95%
Dimensions	L=180 mm, W= 140 mm, H= 183.5 mm
Weight	1.741 kg
Application	Indoor
Security	Kensington slot
Remote Control	Infrared
Language	English / Japanese / Chinese
Accessory	Remote control, 12V/5A power adapter

IP Streaming

Resolution	1920x1080, 1280x720, 960x540, 640x480
Network Video Compress Format	H.264 (High Profile), MJPEG
Maximum Frame Rate	H.264: 60fps (1920x1080), MJPEG: 30fps (1920x1080)
Bit-rate Control Mode	VBR/CBR (selectable)
Range of Bit-rate setting	512Kbps ~ 32Mbps
Network Interface	10/100/1000Base-T
Multi-stream Capability	2
Network Protocol	IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, VISCA over IP

WebUI

Live Video Preview	1920x1080, 1280x720, 960x540, 640x480
Camera PTZ Control	Pan / Tilt / Zoom / Focus / Preset Control
Camera/Image Adjustment	Exposure/WhiteBalance/Picture
Network Configuration	DHCP / IP Addr / Gateway / Netmask / DNS

Software Tools

Device IP Searching, Configuration tool	Windows Application

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.

Hardware specifications

Front

Back

DC 12V
3G-SDI
HDMI
PoE+
Micro-USB
RS232
LINE IN
RS422

PTZ310 / PTZ330

Capture Your Lecture in True-to-life Video Quality

12X ZOOM LENS

Distributor/Dealer

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Professional PTZ Camera Provider

Premium Lecture Capturing

AVer PTZ310/PTZ330 Professional PTZ Cameras give you the premium video quality and versatility you need to record or share your presentation and teaching events around the world

Other

PTZ310

Slow/Fast/Smooth (0.1°~200°/sec)

Highly Versatile Camera Motion Control

The PTZ310/PTZ330 advanced Motion Control Settings allow you to preform precise and steady camera movement during recording. Customizable speed controls provide you the ability to change movement speeds to best optimize your recording experience and with a wide shooting range, you will always produce superior video content. Furthermore, the PTZ310/PTZ330 is capable of pan/tilt rotation maneuvers as small as 0.1° per step equipping you with perfectly fluid control when recording.

Prepare for any Angle with Outstanding Preset Location Functionality

Preset the PTZ310/PTZ330 with up to 255 different locations through VISCA via RS232 functionality. Always be prepared to change your recording view with its simplified IR remote and the ability to set 10 preprogrammed preset locations for easy manual control of the recording view.

2   1   3

Up to 255

Full HD 1080p Output Resolution

Real time imaging and broadcasting at your fingertips. The PTZ310/PTZ330 provides superior imaging quality at full HD 1080p and at a life-like 60 frames per second, giving user the quality video resolution they need to exceed their professional expectations.

720p   1080p

PTZ Camera with 12X/30X Optical Zoom

Get resounding image quality, even in the back of the largest room, with 12X/30X optical zoom. People, products, or images are always crystal clear with the PTZ310/PTZ330's powerful PTZ Camera.

12X/30X Optical zoom

Premium Video Display Quality

•REC

The PTZ310/PTZ330 gives you superior video performance through the equipped Fast Closure, Accuracy and Clarity features. Users are able to enjoy video on the system of their choice, providing you the convenience of using technology you are familiar with.

Reliable Video Streaming

AVer's quality manufacturing processes ensure that the PTZ310/PTZ330 are always ready for use. Designed for durability, the PTZ310/PTZ330 cameras are built to be durable and reliable. With AVer's industry leading 3+2 years warranty program, we make sure that Aver is always there with the support you deserve.

Warranty

3 YEARS + 2 YEARS