Product specifications

Camera

1/2.8" 1080p 60fps Exmor CMOS Image sensor

Effective picture elements Approx. 2.1 Megapixels

Auto, 1080p/60, 1080p/59.94, 1080p/50, 1080i/60, 1080i/59.94, 1080i/50, Output Resolution 1080p/30, 1080p/29.97, 1080p/25, 720p/60, 720p/59.94, 720p/50 PTZ330/0.3 lux (IRE50, F1.6, 30FPS); PTZ310/0.4 lux (IRE50, F1.6, 30FPS) Minimum Illumination

S/N ratio

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

Auto, Manual, Priority AE(Shutter, IRIS), BLC Exposure Control

White balance Auto/Indoor/Outdoor/One-push/Manual(2500 - 10000) PTZ330/30X; PTZ310/12X

Optical Zoom

Digital Zoom

PTZ330/67° (Wide) \sim 6.3° (Tele); PTZ310/72.5° (Wide) \sim 6.3° (Tele) Horizontal Viewing Angle

Focal length $PTZ330/f = 4.3 \text{ mm (Wide)} \sim 129 \text{ mm (Tele)};$ $PTZ310/f = 3.9 \text{ mm (Wide)} \sim 46.8 \text{ mm (Tele)}$

Aperture (Iris) PTZ330/F = 1.6 (wide) ~ 4.7 (Tele); PTZ310/F = 1.6 (Wide) ~ 2.8 (Tele) PTZ330/Wide - 0.1 m, Tele - 1.2 m; PTZ310/Wide - 0.3 m, Tele - 1.5 m Minimum working distance

Pan/Tilt Angle Pan: -+ 130°, Tilt: +90°/-30°

Pan/Tilt Speed (manual) Pan: 0.1~100° /sec, Tilt: 0.1~100° /sec Pan: 200° /sec, Tilt: 200° /sec Preset Speed

Preset Position 10 (IR), 255 (RS232)

Camera Control - IR

RS232 (DIN8) / RS422 (RJ45) Camera Control - Interface

Camera Control - Protocol VISCA/PELCO-D (RS232/RS422/IP), CGI (IP)

Image Processing Noise Reduction (2/3D), Filp, Mirror

Auto/50Hz/60Hz Power Frequency

Audio

Audio - Channel

AAC-LC (48/44.1/32/24), G.711/PCM (16K/8K) Audio - Codec

Audio - Sample Rate 48/44.1/32/24/16/8Khz

Interface

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

General

AC100V-AC240V to DC12V/5A Power Requirement POE+ (IEEE 802.3at), Class 4

Operating Condition Temperature: 0°C ~ +40°C; Humidity: 20% ~80% Storage Condition Temperature: -20°C ~ +60°C; Humidity: 20% ~ 95% Dimensions L=180 mm, W= 140 mm, H= 183.5 mm

1.741 ka Weiaht Application Indoor Security Kensington slot Infrared Remote Contro

Language

English / Japanese / Chinese Remote control, 12V/5A power adapter Accessory

IP Streaming

Resolution 1920x1080, 1280x720, 960x540, 640x480

Network Video Compress Format H.264 (High Profile), MJPEG

H.264: 60fps (1920x1080), MJPEG: 30fps (1920x1080) Maximum Frame Rate Bit-rate Control Mode VBR/CBR (selectable)

Range of Bit-rate setting 512Kbps ~ 32Mbps Network Interface 10/100/1000Base-T

Multi-stream Capability

IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, VISCA over IP Network Protocol

WebUI

Live Video Preview 1920x1080, 1280x720, 960x540, 640x480 Camera PTZ Control Pan / Tilt / Zoom / Focus / Preset Control Exposure/WhiteBalance/Picture Camera/Image Adjustment

DHCP / IP Addr / Gateway / Netmask / DNS Network Configuration

Software Tools

Device IP Searching, Configuration tool Windows Application

Warranty*

Camera 3+2 year

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

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Front



Back







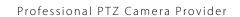




PTZ310/PTZ330

Capture Your Lecture in True-to-life Video Quality









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.



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.



Premium Video Display Quality

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.

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.



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.



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.

