



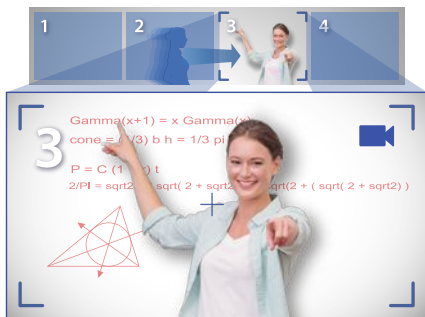
PTZ310 / PTZ330

Professional PTZ Camera



* Only PTZ330 has Barco Certification.

** Only PTZ310 has Zoom Rooms Certification.



Seamlessly Track in Preset Zones

AVer **SmartShoot** optimizes your camera controls for automatic and seamless content capturing between preset areas, enabling you to create an uncompromising multi-camera feel with just one PTZ310/PTZ330. Save time and effort while unlocking a huge variety of options for your video.

SmartFrame



Ideal FOV in Seconds

AVer's new **SmartFrame** function provides one-touch face targeting technology that lets you quickly create stunning video content. SmartFrame instantly adjusts your FOV to fit everyone on-screen so you can start recording presentations, lectures, and more without hassle. Perfect for capturing multiple people, SmartFrame makes creating video content easy and enjoyable.

Capture Events in Lifelike Quality

AVer PTZ310/PTZ330 Professional PTZ Cameras provide the superior video quality and versatility you need to record and share events around the world! They are available in white or grey to suite every classroom, hospital, or performance venue.



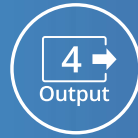
12X/30X
Optical Zoom



SmartShoot



SmartFrame



HDMI/USB
IP/3G-SDI



Full HD 1080p60



3-Year Warranty

Versatile Motion Control

The PTZ310/PTZ330's advanced Motion Control Settings allow for precise camera movement during recording. Pan/tilt rotation maneuvers as small as 0.1° and as large as 200° per step with customizable speed controls allow you to fully optimize your video recording.



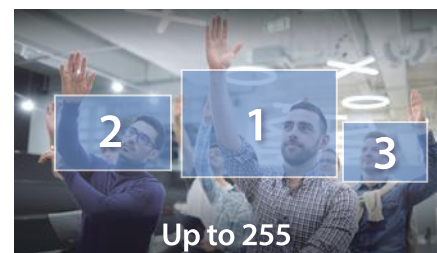
12X/30X Optical Zoom

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



Cover Every Angle with Prolific Presets

Preset the PTZ310/PTZ330 with up to 255 different locations through VISCA via RS232 and RS422 functionality. In addition, you can set 10 preset locations with its simplified IR remote, which gives you easy manual control of the recording view.



| Product Specifications | | PTZ310 | PTZ330 |
|-------------------------------|---|---|---------------------------------|
| 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 | 0.4 lux | 0.3 lux (IRE50, F1.6, 30fps) |
| | S/N Ratio | > 50dB | |
| | Gain | Auto / Manual | |
| | TV Line | 800 (Center/Wide), 700 (Corner/Wide) | 600 (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 | 12X | 30X |
| | Digital Zoom | 12X | |
| | Horizontal Viewing Angle | 72.5° (Wide) ~ 6.3° (Tele) | 67° (Wide) ~ 2.3° (Tele) |
| | Focal Length | f = 3.9mm (Wide) ~ 46.8mm (Tele) | f = 4.3mm (Wide) ~ 129mm (Tele) |
| | Aperture (Iris) | F = 1.6 (Wide) ~ 2.8 (Tele) | F = 1.6 (Wide) ~ 4.7 (Tele) |
| | Minimum Working Distance | 0.3m (Wide), 1.5m (Tele) | 0.01m (Wide), 1.2m (Tele) |
| | Pan/Tilt Angle | Pan : +170°, 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 - Interface | RS232 (DIN8) / RS422 (RJ45) | | |
| Camera Control - Protocol | VISCA (RS232/RS422/IP), CGI (IP) | | |
| Image Processing | Noise Reduction (2/3D), Flip, Mirror | | |
| Power Frequency | Auto / 50Hz / 60Hz | | |
| Audio - Channel | 2ch (Stereo) | | |
| Audio - Codec | AAC-LC (48/44.1/32/24K), G.711/PCM | | |
| Audio - Sample Rate | 48 / 44.1 / 32 / 24 / 16 / 8KHz | | |
| Video Output | 3G-SDI, HDMI, IP, USB | | |
| Audio Output | 3G-SDI, HDMI, IP, USB | | |
| Audio Input | MIC / Line in | | |
| Power Requirement | AC100V-AC240V to DC12V/5A | | |
| PoE | 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 = 180mm, W = 145mm, H = 183.5mm | | |
| Weight | 1.741kg | 1.62kg | |
| Application | Indoor | | |
| Security | Kensington Slot | | |
| Remote Control | Infrared | | |
| Accessory | Remote Control, 12V/5A Power Adapter | | |
| 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, TCIPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, ONVIF, VISCA over IP | | |
| Connector | Micro-USB 2.0 | | |
| Video Format | YUV, MJPEG, H.264 | | |
| Maximum Video Resolution | Up to 1080p | | |
| USB Video Class | UVC1.1 | | |
| USB Audio Class | UAC1.0 | | |
| Live Video Preview | Yes | | |
| Camera PTZ Control | Pan / Tilt / Zoom / Focus / Preset Control | | |
| Camera/Image Adjustment | Exposure / White Balance / Picture | | |
| Network Configuration | DHCP / IP Addr / Gateway / Netmask / DNS | | |
| Software Tools | Device IP Searching, Configuration Tool | | |
| Warranty | Camera | 3 Years | |
| | Accessories | 1 Year | |

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

Hardware Specifications

Front Panel



Back Panel



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Distributor/Dealer