PTZ310
PTZ330

Professional PTZ Camera
Capture Your Events in True-to-life Video Quality

AVer PTZ310 / PTZ330 Professional PTZ Cameras provide the superior video quality and versatility you need to record and share events around the world! Available in white to suit your hospital, classroom, or wedding atmospheres.

**Seamless Content Capture with SmartShoot**
- Optimize your camera controls for automatic content capturing between preset areas
- Create a multi-camera feel across all your preset zones
- Save time and effort with a variety of shooting ranges

**One-Touch Face Targeting with SmartFrame**
- Instantly adjusts your FOV to fit everyone on-screen at stunning speed
- Start recording presentations, lectures, and more with no hassle
- Easily capture multiple people with one camera

**Advanced Motion Control**
- Achieve precise camera movement during recording
- Pan/tilt rotation maneuvers as small as 0.1° per step and as fast as 200°
- Customizable speed controls allow you to optimize your recording

**Prepare for any Angle**
- Up to 255 different preset locations through VISCA via RS232 and RS422 functionality
- Simplified IR remote and the ability to set 10 preprogrammed preset locations
- Easy manual control of the recording view with outstanding preset locations

**Compatible Software**
- Echo360
- vMix
- ZOOM
- Skype for Business
## Product Specifications

### Camera
- **Image Sensor**: 1/2.8" 1080p 60fps Exmor CMOS
- **Effective Picture Elements**: Approx. 2.1 megapixels
- **Minimum Illumination**: 0.43 lux (IRE50, F 1.6, 10fps) [PTZ310], 0.43 lux (IRE50, F 1.6, 10fps) [PTZ330]
- **Gain**: Auto / Manual
- **Exposure Speed**: 1/1 to 1/12000s
- **Minimum Working Distance**: 0.9m (Wide), 1.5m (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)
- **Image Processing**: Noise Reduction (2/3D), Flip, Mirror
- **Power Frequency**: Auto / 50Hz / 60Hz

### Audio
- **Audio - Channel**: 2CH (Stereo)
- **Audio - Codec**: AAC-LC (48/44.1/32/24K), G.711 (16/8K)
- **Audio - Sample Rate**: 48 / 44.1 / 32 / 24 / 16 / 8Khz

### Interface
- **Video Output**: 3G-SDI, HDMI, IP, USB
- **Audio Output**: 3G-SDI, HDMI, IP, USB
- **Audio Input**: MIC / Line-in

### General
- **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 [PTZ310], 1.62kg [PTZ330]

### 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)
- **Bitrate Control Mode**: VBR / CBR (Selectable)
- **Range of Bit-rate Setting**: 10Kbps ~ 50Mbps
- **Network Interface**: 10 / 100 / 1000Base-T
- **Multi-stream Capability**: 2
- **Network Protocol**: IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, FTP, RTSP, RTMP, VISCA over IP
- **NDI Protocol**: Not upgradable to NDI

### USB
- **Connector**: Micro-USB 2.0
- **Video Format**: YUV, MJPEG
- **Maximum Video Resolution**: Up to 1080p
- **USB Video Class**: UVC 1.1
- **USB Audio Class**: UAC 1.0

### WebUI
- **Live Video Preview**: Yes
- **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
- **AverEZLive, AVer PTZ Manager**

### Warranty
- **Camera**: AverCare 3 Years with AverCare
- **Accessories**: 1 Year

### Ordering Info
- **Part Number**: PAVPTZ310 (Gray Color) [PTZ310], PAVPTZ330 (Gray Color) [PTZ330]

## Hardware Specifications

**Front Panel**
- DC 12V
- 3G-SDI
- HDMI
- PoE+
- RS232
- RS422
- Micro-USB
- Audio In

**Back Panel**
- HDMI
- RS232
- RS422
- Micro-USB
- Audio In

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