



# PTZ310N & PTZ330N

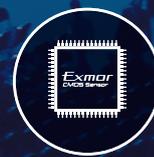
NDI®|HX PTZ Cameras



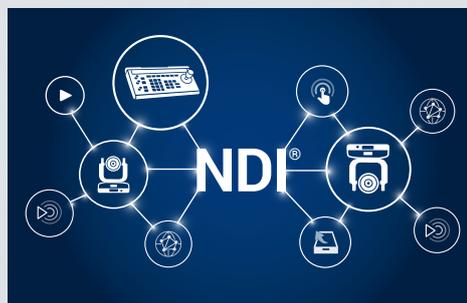
\* Only PTZ310N has Zoom Rooms Certification.



NDI HX2



Exmor™ CMOS  
Sensor



## Full NDI®|HX for Greater Reach

The PTZ310N/330N complies with the most rigorous NDI® standards to deliver the lowest latency for on-air camera control, switching, and streaming—all via IP connection. It makes live broadcasts faster and simpler, allowing users to stream for larger audiences without complicated and expensive equipment. Design efficient and flexible IP workflows at will.

NDI® is a registered trademark of NewTek, Inc.  
NDI®|HX is technology of NewTek, Inc.



## Higher Quality with a CMOS Sensor

Designed with a 1/2.8-type Exmor™ CMOS sensor, the PTZ310N/330N delivers a robust autofocus for high-quality video. Even in poorly lit environments that are too dark or bright, it delivers brilliant colors and detailed video in 1080p at 60fps. Outstanding performance and video quality make live recording extremely convenient.

# FUTURE-READY IP WORKFLOWS

Equipped with NDI®|HX capability, the PTZ310N/330N provides flexibility and extensive applications through a single IP cable, simplifying live-production workflows by rapidly transmitting various video and audio signals. It presents every angle of studio productions, live events, worship services, auditorium lectures, sports and gaming competitions, online and distance learning classes, multinational conferences, personnel training sessions, and more, enabling users to create truly impressive content. Enjoy efficient and simple setup, and design comprehensive NDI-based productions.



12X/30X  
Optical Zoom



RTSP/RTMP  
Livestreaming



IP/HDMI/  
USB/3G-SDI



SmartShoot



SmartFrame



Upside-Down  
Installation



## 12X/30X Optical Zoom

Sporting a 12X/30X optical zoom and a 1/2.8" sensor, the PTZ310N/330N renders a 72.5° – 6.3° / 67° – 2.3° field of view. Plus, our motion control algorithms enable pan/tilt rotation maneuvers as small as 0.1° per step while constantly capturing crystal-clear images.



## Seamlessly Track in Preset Zones

AVer SmartShoot optimizes your camera controls for automatic and seamless content capturing between preset areas so that you can create an uncompromising multi-camera feeling with just one PTZ310N/PTZ330N. Save time and effort while unlocking a huge variety of options for your video.



## Ideal FOV in Seconds

AVer's new SmartFrame provides one-touch face targeting technology that lets you quickly create stunning video content. This innovative solution instantly adjusts your FOV to fit everyone on-screen, so you can start recording with no hassle.

Product Specifications		PTZ310N	Part no. 61S3100000AS (EU & UK sku) EAN code 4719552125890	PTZ330N	Part no. 61S3300000AR (EU & UK sku) EAN code 4719552125906
<b>Camera</b>	Image Sensor				
	Effective Picture Elements				
	Output Resolution				
	Minimum Illumination			0.3 lux (IRE50, F1.6, 30fps)	
	S/N Ratio				
	Gain				
	TV Line			800 (Center/Wide), 600 (Corner/Wide)	
	Shutter Speed				
	Exposure Control				
	White Balance				
	Optical Zoom			30X	
	Digital Zoom				
	Horizontal Viewing Angle			67° (Wide) – 2.3° (Tele)	
	Focal Length			f = 4.3 mm (Wide) – 129 mm (Tele)	
	Aperture (Iris)			F = 1.6 (Wide) – 4.7 (Tele)	
	Minimum Working Distance			0.01 m (Wide), 1.2 m (Tele)	
	Pan / Tilt Angle				
	Pan / Tilt Speed (Manual)				
Preset Speed					
Preset Position					
Camera Control - Interface					
Camera Control - Protocol					
Image Processing					
Power Frequency					
<b>Audio</b>	Channel				
	Codec				
	Sample Rate				
<b>Interface</b>	Video Output				
	Audio Output				
	Audio Input				
<b>General</b>	Power Requirement				
	PoE				
	Operating Condition				
	Storage Condition				
	Dimensions				
	Weight			1.62 kg	
	Application				
	Security				
	Remote Control				
	Accessory				
<b>IP Streaming</b>	Resolution				
	Network Video Compress Format				
	Maximum Frame Rate				
	Bit-rate Control Mode				
	Range of Bit-rate Setting				
	Network Interface				
	Multi-stream Capability				
	Network Protocol				
NDI® HX Capability					
<b>USB</b>	Connector				
	Video Format				
	Maximum Video Resolution				
	USB Video Class				
<b>Web UI</b>	USB Audio Class				
	Live Video Preview				
	Camera PTZ Control				
<b>Software Tools</b>	Camera / Image Adjustment				
	Network Configuration				
<b>Warranty</b>	Device IP Searching, Configuration Tool				
	Camera				
	Accessories				

\* Please contact your dealer/distributor to confirm the local warranty period. Specifications may vary depending on location and are subject to change without notice.

## Product Appearance

Front Panel



Back Panel



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