

## EVP435N

4K



## Professional Grade 4K NDI PTZ camera

The Everet EVP435N 4K UHD PTZ camera with NDI® is a professional grade 4K Ultra HD video camera with NDI|HX, HDMI, 3G-SDI, IP and USB3.0 output interface. Simplifying setup for live streaming systems supporting PoE, high quality 4K video, tally and control using a standard gigabit enabled network and native integration of industry standard video software including Wirecast, xSplit, OBS, vMix, Livestream studio, Tricaster and more. With the 4K wide angle optical lens, 35x optical zoom, 0.1lux minimum illumination and low latency, ideal for broadcasting, lecture capture and video conferencing.

### Features:

- ▶ Advanced ISP, high quality 1/1.7 inch 12MP Sony sensor, providing 3840x2160 p30 Ultra HD video resolution
- ▶ 4K lens with 35x Optical Zoom + 2x Digital Zoom, with 60 degree field of view
- ▶ NDI|HX, 3G-SDI, HDMI, USB output video simultaneously, 4K video over NDI|HX and HDMI
- ▶ IP Video Streaming, includes both H.264, H.265 video encoding
- ▶ WDR, 3D Noise Reduction feature
- ▶ Power over Ethernet (PoE) support: get video, control, tally and power supply with one CAT5/6 cable
- ▶ Image Flip function, up to 128 user defined presets, built-in tally light
- ▶ Special Focusing Algorithm: fast and precise focusing performance when zooming or moving
- ▶ IP, HDMI, 3G-SDI, USB3.0 outputs
- ▶ Whisper quiet PTZ design, accurate pan tilt motor control
- ▶ Standard IP VISCA, Serial VISCA, PELCO-P/D control protocol; IP VISCA over TCP/UDP
- ▶ Black and White models, 3 year warranty, IR remote control

Product specifications

Model number		EVP435N		
Sensor	1/1.7 inch, 12mega pixel high quality Sony CMOS sensor			
Video Format	HDMI	NDI HX	SDI	USB3.0
	3840*2160p30/25, 1920*1080p60/59.94/50/ 30/29.97/25/24, 1920*1080i60/59.94/50, 1280*720p60/59.94/50/ 30/29.97/25	Main stream 1920*1080@30, 3840*2160@30 Sub stream: 1280*720@30 1024*576@30 640*360@30	1920*1080p60/59.94/50/ 30/29.97/25/24, 1920*1080i60/59.94/50, 1280*720p60/59.94/50/ 30/29.97/25	USB3.0: 1920*1080p60/50/30/25, 1280*720p60/50/30/25, 1024*576p30 USB2.0: 1024*576p30, 960*540p30, 640*360p30, 512*288p30
Zoom	35x optical zoom+2x digital zoom			
FOV	2.02°(near)~60°(far)			
Focus distance	Wide: 0.3m      Tele: 1.5m			
Preset	10 via remote controller; 128 via serial port; preset precision:0.1°			
Rotation Angle	Pan: -170° ~ +170°; Tilt: -30° ~ +90°			
Rotation Speed	Pan: 0°~120°/s ; Tilt: 0°~80°/s			
Control Port	NDI HX/RS232/RS485/USB3.0/RJ45			
Video Port	NDI HX, 3G-SDI, HDMI, USB3.0, IP			
Noise Reduction	2D&3D			
S/N	>50dB			
Focal Length	f = 5.8(near)~203mm(far)			
Minimum LUX	0.1 LUX			
White Balance	Auto / Manual / ATW / OnePush / Indoor / Outdoor			
Anti Flicker	50Hz/60Hz/OFF			
Image Flip	Supported			
Iris	Auto / Manual			
Shutter Speed	Auto / Manual			
BLC	Auto / Manual			
Focus	Auto / Manual			
Video Encoding	H.264 / H.265			
Bit Rate Control	Variable Bit Rate, Constant Bit Rate			
Video Bit Rate	1024Kbps~20480Kbps			
Frames	50HZ:1fps~30fps 60HZ:1fps~30fps			
IP protocol	TCP/IP, HTTP, RTSP, RTMP, ONVIF, DHCP, VISCA over IP (UDP&TCP), HTML5			
PoE	Supported			
Input Voltage	DC12V			
Dimensions	220mm×173mm×117mm			
Net Weight	1.25KGS (2.8LBS)			



# EVERET

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