

EVP412N

4K



Professional Grade 4K NDI PTZ camera

The Everet EVP412N 4K UHD PTZ camera with NDI® is a professional grade 4K Ultra HD video camera with NDI|HX, SRT, 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. With the 4K wide angle optical lens, 12x optical zoom, 0.1lux minimum illumination and low latency, ideal for broadcasting, live streaming and healthcare.

Features:

- ▶ Advanced ISP, 1/2.5 inch 8MP Sony sensor providing 3840x2160 p30 Ultra HD video resolution
- ▶ 4K lens with 12x Optical Zoom + 2x Digital Zoom, with 72,5 degree field of view
- ▶ IP, HDMI, 3G-SDI, USB 3.0 video output simultaneously
- ▶ 3G-SDI compatible with Blackmagic Design SDI Level-B
- ▶ 2160p30 video over IP, H.264, H.265 encoding
- ▶ IP Streaming - RTSP/RTMP/NDI|HX/SRT
- ▶ SRT Support; secure, high quality, low-latency video over internet
- ▶ NDI|HX (Everet NDI cameras are compatible with NDIv5)
- ▶ White Balance, Exposure, Focus, Iris can be adjusted automatically or manually
- ▶ Power over Ethernet (PoE) support: get video, control, tally and power supply with one CAT5/6 cable
- ▶ WDR, 3D Noise Reduction feature
- ▶ Standard IP VISCA, Serial VISCA, PELCO-P/D control protocol; IP VISCA over TCP/UDP
- ▶ Image flip function, support upside-down installation
- ▶ OSD menu in English, IP address, streaming resolution and size can be set in OSD menu
- ▶ Out of the box integration with popular software and controllers e.g. vMix and Skaarhoj
- ▶ 3 year warranty

Product specifications

Model number	EVP412N			
Sensor	1/2.5 inch 8 mega pixel high quality Sony CMOS sensor			
Video Format	HDMI	NDI HX / SRT	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 3840*2160@30 1920*1080@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	1920*1080P60/50/30/25 1280*720P60/50/30 1280*720P25 1024*576P30 960*540P30 640*360P30 352*288P30
Optical Zoom	12x			
Horizontal Angle	72.50°(Far) – 6.48°(Near)			
Vertical Angle	42.72°(Far) – 3.66°(Near)			
Aperture	F1.60 – 2.8			
Focal Length	f 3.9 ~ 46.80mm			
Rotation Angle	Pan: -170° ~ +170°; Tilt: -30° ~ +90°			
Rotation Speed	Pan: 0°~120°/s ; Tilt: 0°~80°/s			
Preset	Remote controller:10; RS232: 128; Accuracy: 0.1°			
Control Port	RS232, RS485, NDI HX (VISCA over IP), USB3.0 (UVC1.5), USB2.0 (UVC1.1.)			
Network Speed	1000M			
Video Encoding	H.264/H.265 (default: H.264)			
Bit Rate Control	Variable Bit Rate, Constant Bit Rate			
Video Bit Rate	1024Kbps~16384Kbps			
Protocols	TCP/IP, NDIv5, SRT, HTTP, RTSP, DHCP ,RTMP, Onvif(2.4), Visca over IP(TCP&UDP), HTML5, Visca, PelcoP, PelcoD			
POE	Supported PoE+ recommended (IEEE802.3at)			
Daisy Chain	Support RS232 serial daisy chain			
Minimum Lux	0.1 lux			
White Balance	Auto/Indoor/Outdoor/Manual/One Push/ATW			
Exposure	Auto/Manual/Shutter Priority /Iris Priority/Bright			
Focus	Auto / Manual			
Iris	Auto / Manual			
Electric Shutter	Auto / Manual			
Gamma	Supported			
WDR	Supported			
BLC	Supported			
2D/3D Noise Red	Supported			
Anti Flicker	OFF/50Hz/60Hz			
Pan Tilt Flip	Supported			
Input Voltage	DC12V/8.64W PoE+ recommended (IEEE802.3at)			
Dimensions	220mm×190mm×173mm			
Net Weight	1.4KG			
EAN	8719327209110(B) 8719327209196(W)			



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