

## EVP230N



## Professional Grade FHD NDI PTZ camera

The Everet EVP230N FHD PTZ camera with NDI® is a professional grade Full 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 video, tally and control using a standard gigabit enabled network and native integration of industry standard video software. With the high quality optical lens, 30x optical zoom, 0.1 lux and low latency ideal for broadcast level AV solutions, high end video production and live streaming.

### Features:

- ▶ Advanced ISP, high quality 1/1.7 inch 12MP Sony sensor
- ▶ Full HD lens with 30x Optical Zoom + 2x Digital Zoom, with 60 degree field of view
- ▶ IP, HDMI, 3G-SDI, USB 3.0 video output simultaneously
- ▶ 3G-SDI compatible with Blackmagic Design SDI Level-B
- ▶ 1080p60 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

<b>Model number</b> EVP230N				
Sensor	1/1.7 inch, 12.4 mega pixel high quality Sony CMOS sensor			
Video Format	HDMI 1.4	NDI HX / SRT	SDI	USB3.0
	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*1080@3~30 1280*720@3~30 1024*576@3~30 640*360@30 (low bandwidth mode)	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
Video Interface	HDMI (V1.4), 3G-SDI, IP, USB3.0, NDI HX, SRT			
Optical Zoom	30x			
Horizontal Angle	60.00°(Far) – 2.20°(Near)			
Vertical Angle	45.32°(Far) – 1.51°(Near)			
Aperture	F1.55 – 4.8			
Focal Length	f 6.5 ~ 202mm			
Rotation Angle	Pan: -170° ~ +170°; Tilt: -30° ~ +90°			
Rotation Speed	Pan: 0°~120°/s; Tilt: 0°~80°/s			
Preset	10 via remote controller; 128 via serial port; preset precision:0.1°			
Control Port	NDI HX/RS232/RS485/RJ45/Visca over IP			
Network Speed	1000M			
Video Encoding	H.264 / H.265			
Bit Rate Control	Variable Bit Rate, Constant Bit Rate			
Video Bit Rate	1024Kbps~16384Kbps			
Protocols	TCP/IP, SRT, NDIv5, HTTP, RTSP, DHCP ,RTMP, Onvif(2.4), Visca over IP(TCP&UDP), HTML5, Visca, Pelco P, Pelco D			
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/9.24W PoE+ recommended (IEEE802.3at)			
Dimensions	220mm×190mm×205.8mm			
Net Weight	1.75KG			
EAN	8720387387113(B) 8720387387144(W)			



EVERET

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