EVERET
IMAGING HOLLAND

EVP220N

Professional Grade FHD NDI PTZ camera

The Everet EVP220N NDI PTZ camera is a professional full HD PTZ video camera with 20x optical zoom and NDI|HX. Simplifying setup supporting PoE, high quality video, tally light and control using a standard gigabit enabled network and native integration with all NDI compatible systems and software on your network.

Features:

- Advanced ISP, high quality Panasonic 1/2.8 inch 5MP sensor
- 20x Optical Zoom + 2x Digital Zoom, with 61 degree field of view
- 1080P30 full HD video over NDI|HX, 3G-SDI. HDMI, USB output simultaneously
- 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	EVP220N			
Sensor	1/2.8 inch, 5mega pixel high quality Panasonic CMOS sensor			
Video Format	HDMI	NDI|HX	SDI	USB3.0
	1920*1080p60/50/30/25 1280*720p60/50/30/25 1920*1080i60/50	Main stream 1920*1080p30 1280*720p30 Sub stream 1280*720p30 1024*576p30 640*360p30	1920*1080p60/50/30/25 1280*720p60/50/30/25 1920*1080i60/50	USB3.0: 1920*1080p60/50/30/25 1280*720p60/50/30/25 1024*576p30 USB2.0： 1024*576p30 960*540p30,640*360p30 352*288p30
Zoom	20x optical zoom & 2x digital zoom			
FOV	60,5°(diagonal)			
Focus distance	Wide: F1.5 (Wide) ~3.0 (Tele)			
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	RS232 / RS485 / RJ45 NDI|HX			
Video Port	HDMI / RJ45 NDI|HX / SDI / USB3.0 /USB2.0			
Noise Reduction	2D&3D			
SNR	>50dB			
Focal Length	f＝5.2(near) ～98mm(far)			
Minimum LUX	0.1 LUX			
White Balance	Auto / Manual / Auto Tracking / OnePush / Indoor / Outdoor			
Anti Flicker	50Hz/60Hz/OFF			
D/N mode	Supported			
Gamma	Supported			
Mirror Image	Supported			
Pan Tilt 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~10240Kbps			
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, 2A			
Dimensions	220mm×173mm×190mm			
Net Weight	1.25KGS（2.8LBS）			

EVERET

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