

NDI® |HX



VC-A61PN

4K NDI® |HX PTZ Camera



The Lumens® VC-A61PN is equipped with a professional 1 / 2.5" CMOS sensor with 4K Ultra HD output at 30fps. The camera delivers a crystal-clear image and natural color reproduction. Its superior 30x optical zoom lens captures every detail even in low light conditions.

The VC-A61PN supports NDI® |HX that delivers high-quality video with ultra-low latency for your video production. The camera has Ethernet, HDMI and 3G-SDI outputs. It is applicable for use in a broadcasting studio, conference room, live events, and house of worship, etc.

Key Features

- 4K Ultra HD video image quality
- 30x optical zoom enhances details in the image
- NDI® |HX delivers high-quality video with ultra-low latency

Key Feature Details



4K Ultra HD

Supports a high-end 4K sensor that provides uncompromising image quality with 4K 30fps output resolution.



30x optical zoom

30x Optical Zoom

Superior 30x optical zoom lens smoothly and quickly captures the details even in low light conditions.



NDI® |HX Technology

The VC-A61PN delivers high-quality video with ultra-low latency and connects directly to an NDI® network.



Simple Live Streaming

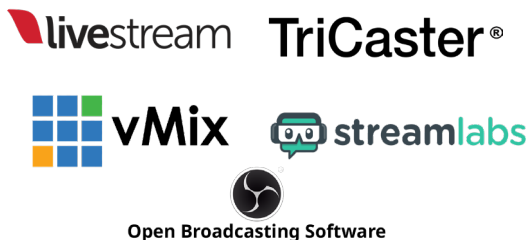
Reach a larger audience via live streaming with simpler and quicker installation without bulky cables.



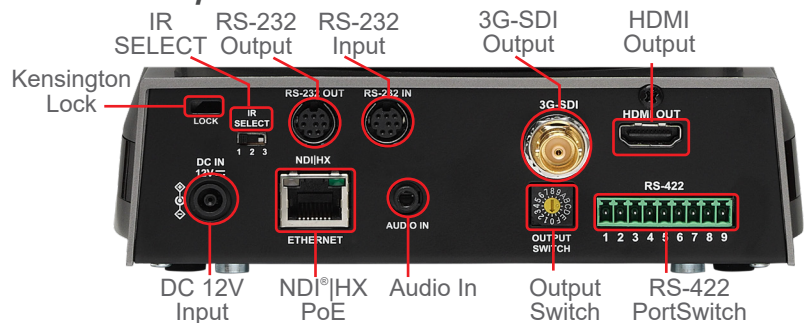
Product Specifications

Camera		Output	
Sensor	1/2.5" 8.57MP CMOS	HDMI / 3G-SDI	HDMI Output: 2160p29.97 3G-SDI Output: 1080p59.94
Video Format	2160p : 29.97 / 25 1080p : 59.94 / 50 / 29.97 / 25 1080i : 59.94 / 50 720p : 59.94 / 50	IP Stream	NDI: H.264 4K 29.97fps H.264 640x360 29.97fps or RTSP: HEVC 4K 29.97fps H.264 1080P 59.94fps H.264 640x360 29.97fps
Video Output (HD) Interface	3G-SDI, HDMI, Ethernet	IP Compression	H.264
Optical Zoom	30x	Pan & Tilt	
Digital Zoom	12x	Panning Angle	+170° ~ -170°
Viewing Angle	68°(H) / 38.3°(V) / 78°(D)	Panning Speed	300°/ sec
Aperture	F1.6~F3.4	Tilting Angle	+90° ~ -30°
Focal Length	4.6mm~135mm	Tilting Speed	300°/ sec
Shutter Speed	1/1 ~ 1/10,000 sec	Preset Positions	256
Minimum Object Distance	1.5m (Wide/Tele)	Audio	
Video s/n Ratio	>50dB	Audio Input	Line In/Mic In
Minimum Illumination	0.1 lux (F1.6, 50IRE, 30fps)	Audio Output	Ethernet / SDI / HDMI
Focus System	Auto / Manual / Smart AF	Audio Compression Format	G.711
Gain Control	Auto / Manual	Camera Control	
White Balance	Auto / Manual	Interface	RS-232 / RS-422 / Ethernet / Remote
Exposure Control	Auto / Manual	Protocol	VISCA / VISCAIP / PELCO D / NDI / ONVIF
WDR	Yes	General	
3D NR	Yes	DC In	12V +/- 20%
Image Flip	Yes	Power Consumption	PoE: 18W DC In: 16W
AR/VR Systems	FreeD	Weight	2 kg (4.4 lbs)
NDI Genlock	Yes	Dimensions	174 x 190 x 187 mm
Tally Light	Yes		
Network			
IP Protocol	NDI HX / RTSP / RTMP / RTMPS / MPEG-TS / SRT		
PoE	PoE+ (IEEE802.3at)		

Compatible Software



I/O Connections



Lumens

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