

## 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

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.

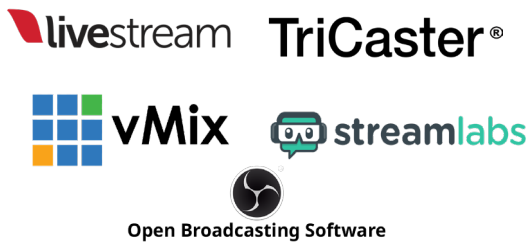


# Product Specifications

Camera	
Sensor	1/2.5" 8.57MP CMOS
Video Format	2160p : 29.97 / 25 1080p : 59.94 / 50 / 29.97 / 25 1080i : 59.94 / 50 720p : 59.94 / 50
Video Output (HD) Interface	3G-SDI, HDMI, Ethernet
Optical Zoom	30x
Digital Zoom	12x
Viewing Angle	68°(H) / 38.3°(V) / 78°(D)
Aperture	F1.6~F3.4
Focal Length	4.6mm~135mm
Shutter Speed	1/1 ~ 1/10,000 sec
Minimum Object Distance	1.5m (Wide/Tele)
Video s/n Ratio	>50dB
Minimum Illumination	0.1 lux (F1.6, 50IRE, 30fps)
Focus System	Auto / Manual / Smart AF
Gain Control	Auto / Manual
White Balance	Auto / Manual
Exposure Control	Auto / Manual/ Smart AE
IQ Sync	Yes
WDR	Yes
3D NR	Yes
Image Flip	Yes
AR/VR Systems	FreeD
NDI Genlock	Yes
Tally Light	Yes
Network	
IP Protocol	NDI HX / RTSP / RTMP / RTMPS / MPEG-TS / SRT
PoE	PoE+ (IEEE802.3at)

Output	
HDMI / 3G-SDI	HDMI Output: 2160p29.97 3G-SDI Output: 1080p59.94
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
IP Compression	H.264
Pan & Tilt	
Panning Angle	+170° ~ -170°
Panning Speed	300°/ sec
Tilting Angle	+90° ~ -30°
Tilting Speed	300°/ sec
Preset Positions	256
Audio	
Audio Input	Line In/Mic In
Audio Output	Ethernet / SDI / HDMI
Audio Compression Format	G.711
Camera Control	
Interface	RS-232 / RS-422 / Ethernet / Remote
Protocol	VISCA / VISCAIP / PELCO D / NDI / ONVIF
General	
DC In	12V +/- 20%
Power Consumption	PoE: 18W DC In: 16W
Weight	2 kg (4.4 lbs)
Dimensions	174 x 190 x 187 mm

## Compatible Software



## I/O Connections



# Lumens®

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