

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: 59.94 / 50 / 29.97 / 25 1080p: 59.94 / 50 / 29.97 / 25 720p: 59.94 / 50 / 29.97 / 25 1080i: 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
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)

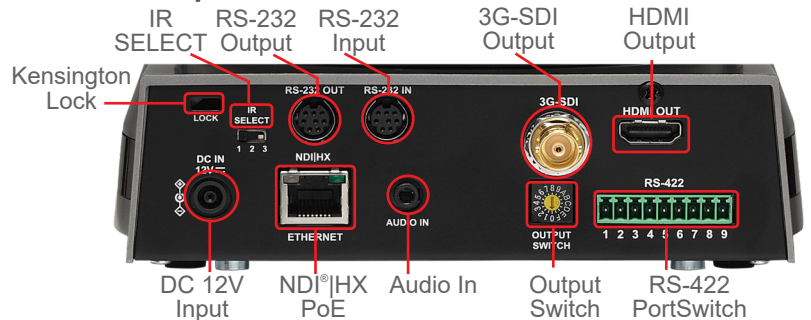
Output	
HDMI / 3G-SDI	HDMI Output: 2160p59.94 3G-SDI Output: 1080p59.94
IP Stream	NDI: HEVC(H.265) 4K59.94fps H.264 640x360 29.97fps or RTSP: HEVC(H.265) 4K 59.94fps H.264 1080p 59.94fps H.264 640x360 29.97fps
IP Compression	H.264/ HEVC(H.265)
Pan & Tilt	
Panning Angle	+170° ~ -170°
Panning Speed	300°/ 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	AAC / 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



Open Broadcasting Software

I/O Connections



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