

NDI HX2



VC-A71PN

4K NDI HX PTZ Camera



The Lumens® VC-A71PN 4K 60fps UHD PTZ camera is equipped with a professional 1/1.8" CMOS sensor that delivers a superb clear image and natural color reproduction. Its superior 30x optical zoom lens captures every detail even in low light conditions.

The VC-A71PN supports NDI HX that delivers high-quality video with ultra-low latency for your video production. The camera has Ethernet, HDMI outputs. It is applicable for use in a broadcasting studio, conference room, 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 60fps output resolution.



30x Optical Zoom

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

NDI HX2

NDI HX Technology

The VC-A71PN 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	1/1.8" 9.17 MP CMOS
Video Format	2160p: 59.94 / 50 / 29.97 / 25 1080p: 59.94 / 50 / 29.97 / 25 1080i: 59.94 / 50 720p: 59.94 / 50
Video Output Interface	HDMI 2.0 / Ethernet
Optical Zoom	30x
Digital Zoom	12x
Viewing Angle	63° (H) 35.4° (V) 72.3° (D)
Aperture	F1.6 ~ F4.8
Focal Length	6.5mm ~ 202mm
Shutter Speed	1/1 ~ 1/10,000 sec
Minimum Object Distance	1.5m (Wide/Tele)
Video S/N Ratio	> 50dB
Minimum Illumination	0.05 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
Pan & Tilt	
Panning Angle	+170° ~ -170°
Panning Speed	300°/sec
Tilting Angle	+90° ~ -30°
Tilting Speed	300°/sec
Preset Positions	256

Output	
HDMI	2160p59.94
IP Stream	NDI : HEVC 4K59.94fps H.264 640x360 29.97fps or RTSP : HEVC 4K 59.94fps H.264 1080p 59.94fps H.264 640x360 29.97fps
IP Compression	HEVC / H.264
Network	
IP Protocol	NDI HX2 / RTSP / RTMP / RTMPS / MPEG-TS / SRT
PoE	PoE+ (IEEE802.3at)
Audio	
Input	Line In / MIC In
Output	Ethernet / HDMI 2.0
Compression Format	AAC / G.711 / PCM
Camera Control	
Interface	RS-232 / RS-422 / Ethernet / Remote
Protocol	VISCA / VISCAIP / PELCO D / NDI / ONVIF
General	
DC In	12V +/- 20%
Power Consumption	PoE: 17.5 W DC In: 16 W
Weight	6.6 lbs (3 kg)
Dimension	9.1" x 7.4" x 7.4" (232 x 188 x 189 mm)

Compatible Software



I/O Connections



Lumens®

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