

## 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.

# Applications



Broadcasting



E-sports



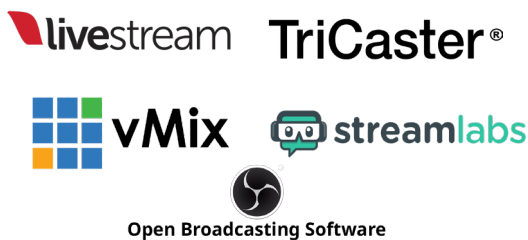
House of Worship

## Product Specifications

| Camera                      |  |
|-----------------------------|--|
| Sensor                      | 1/2.5" 8.57MP CMOS   |
| Video Format                | 2160p : 29.97 / 25<br>1080p : 59.94 / 50 / 29.97 / 25<br>1080i : 59.94 / 50<br>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  |
| WDR                         | Yes  |
| 3D NR                       | Yes  |
| Image Flip                  | Yes  |
| AR/VR Systems               | FreeD  |
| 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<br>3G-SDI Output: 1080p59.94   |
| IP Stream                | NDI:<br>H.264 4K 29.97fps<br>H.264 640x360 29.97fps<br>or<br>RTSP:<br>HEVC 4K 29.97fps<br>H.264 1080P 59.94fps<br>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<br>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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