

# POE NDI PTZ Camera

DC-VL4K-12U



## DESCRIPTION:

DGX Digital DC-VL4K-12U is a versatile PoE NDI PTZ camera that delivers exceptional video quality and flexibility. With options for Ultra HD and Full HD lenses, it captures stunningly clear and realistic images. The camera's multiple interfaces, including USB 3.0, HDMI, and RJ45, provide a range of connectivity options to suit your specific needs. Supporting Power over Ethernet (PoE), the DC-VL4K-12U can be powered and controlled through a single Ethernet cable, making it ideal for live streaming applications.

Equipped with NDI®|HX2 technology, this camera ensures low-latency and easy integration into your network. It supports the simultaneous transmission of audio, video, and control commands, making it a reliable and efficient solution for various applications. The built-in electro-mechanical PTZ system allows for precise and smooth movements, with horizontal and vertical rotation ranges that meet your specific requirements.

## FEATURES:

- **Ultra HD & Full HD:** Offers both 4K Ultra HD and 1080P Full HD options for high-quality video.
- **Multiple Interfaces:** Includes USB 3.0, HDMI, and RJ45 interfaces for versatile connectivity.
- **PoE Support:** Powered through Ethernet cable, reducing cabling needs and simplifying installation.
- **Remote Control:** Can be controlled using RS232, RS485, USB, LAN ports, or IR remote.
- **NDI®|HX2 Support:** Supports low-latency NDI®|HX2 for efficient network video transmission.
- **Electro Mechanical PTZ:** Features smooth and precise pan-tilt-zoom movements with wide rotation ranges and adjustable speeds.

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## SPECIFICATIONS:

<b>Model</b>	<b>DC-VL4K-12U</b>
<b>Image Sensor</b>	Sony IMX 415 1/2.8" CMOS
<b>Effective Pixels</b>	8.29MP, 16:9
<b>Lens</b>	F=3.9-46.8mm
<b>Zoom</b>	12x optical zoom
<b>Video Interfaces</b>	HDMI, TYPE-C, Ethernet
<b>Pan/Tile Rotation</b>	±175°, -90°~+90°
<b>Horizontal Angle</b>	70.82°(W)-6.48°(T)
<b>Vertical Angle</b>	47.72°(W)-73.66°(T)
<b>Diagonal Angle</b>	78.58°(W)-7.42°(T)
<b>Backlight Compensation</b>	Support
<b>Video Format</b>	HDMI(4KP@30/25fps,1080P@60/50/30/25fps,720P@60/50/30/25fps) USB3.0(3840*2160P@30fps,2560*1440P@30fps,1920*1080P@30fps,1280*720P@30fps,640*480P@30fps,320*240P@30fps)
<b>SNR</b>	>50dB
<b>Focus</b>	Auto / Manual
<b>Digital Noise Reduction</b>	2D & 3D Noise Reduction
<b>Exposure</b>	Auto / Manual
<b>Video Compression Format</b>	H.264,H.265,MJPEG,YUY2,NV12
<b>LAN</b>	10M/100M adaptive Ethernet port, Support POE IEEE802.3af
<b>Network Protocol</b>	RTSP, RTMP, ONVIF, GB28181; Support VISCA Over IP
<b>Control Protocol</b>	VISCA/Pelco-D/Pelco-P;Baud Rate:9600/4800/38400/2400
<b>Control Interface</b>	Rs232 (input & output), Rs485, TYPE-C (UVC1.1)
<b>Dimension (WxHxD)</b>	171.6*192.6*171.6mm/260*217*197mm (before/after packing)
<b>Net Weight</b>	1.43kg
<b>Gross Weight</b>	2.096kg
<b>Accessory</b>	1xCamera, 1xUSB Cable, 1xPower Adapter, 1xWall Mount, 1xManual

Disclaimer: As per our company policy one of the constant product improvements the right is there for reserved to modify the product specification without prior notice and the picture shown in the datasheet is a design base, the actual picture may vary.