

Libre Image

MODEL: LIB-VL 12U-AI

- Enjoy 12x optical zoom with stunning 4K video resolution Modern, sleek, and intelligent design for professional use
- Optional AI functionality, available as a separate purchase
- Preset options: 10 via IR remote, 255 via PELCO-P/D, and 64 via VISCA
- Versatile connectivity with USB 3.0, HDMI, RJ45, and PoE support
- Equipped with a 2.8" high-quality CMOS sensor (8.29MP, 16:9 aspect ratio)



FEATURES



12X Optical Zoom 4K UHD Camera

Experience crystal-clear imaging with 12x optical zoom and 4K Ultra-HD resolution, powered by a high-performance Sony CMOS sensor.

This premium PTZ camera delivers exceptional detail and clarity, making it ideal for professional video applications.



AI Auto-tracking function (Optional)

This camera features an AI-powered automatic tracking capability. During meetings, it can intelligently follow and focus on specific participants based on your requirements, ensuring a smooth and engaging experience.



Quick Auto Focus

Equipped with an advanced autofocus algorithm, the camera delivers faster focusing speed and precise image optimization. Professional image tuning ensures that zoomed visuals are displayed quickly, sharply, and with exceptional clarity.

FEATURES



Multiple Interfaces

The VLoop camera offers versatile connectivity, supporting USB 3.0, HDMI, RJ45, RS485, and RS232 interfaces. It is also equipped with Power over Ethernet (PoE) capability for simplified installation and operation



Easy to Use

Compatible with Windows 7/8.1/10 and macOS 10.10 or later. Simply connect the camera to your device using a USB cable, and it will start working instantly - no complicated setup required.



Universal Compatibility

The VLoop camera seamlessly integrates with leading conferencing platforms, including Zoom, Skype for Business, Microsoft Teams (formerly Lync), Voov Meeting, and Cisco WebEx, as well as other popular collaboration software.




PRODUCT SPECIFICATION

Model	LIB-VL12U-AI (The AI auto-tracking feature is available as an optional add-on and can be purchased separately. Please note that units sold previously cannot be upgraded to the AI tracking version)
Image Sensor	<ul style="list-style-type: none">- Sony IMX415 1/2.8" CMOS- Effective Pixels: 8.29MP, 16:9
Lens & Zoom	<ul style="list-style-type: none">- Focal Length: $f = 3.9\text{--}46.8\text{mm}$- 12x Optical Zoom
Image Features	<ul style="list-style-type: none">- Backlight Compensation: Supported- White Balance (WB): Yes- SNR: >50dB- Focus: Auto / Manual- Digital Noise Reduction: 2D & 3D- Exposure: Auto / Manual
Pan/Tilt Rotation	<ul style="list-style-type: none">- Pan: $\pm 175^\circ$- Tilt: $-90^\circ \sim +90^\circ$

PRODUCT SPECIFICATION

Field of View	<ul style="list-style-type: none"> - Horizontal: 70.82° (Wide) – 6.48° (Tele) - Vertical: 47.72° (Wide) – 73.66° (Tele) - Diagonal: 78.58° (Wide) – 7.42° (Tele)
Video Interfaces	<ul style="list-style-type: none"> - HDMI, Type-C, Ethernet
Video Format	<ul style="list-style-type: none"> - HDMI: 4K@30/25fps, 1080P@60/50/30/25fps, 720P@60/50/30/25fps - USB 3.0: 3840×2160@30fps, 2560×1440@30fps, 1920×1080@30fps, 1280×720@30fps, 640×480@30fps, 320×240@30fps
Video Compression	<ul style="list-style-type: none"> - H.264, H.265, MJPG, YUY2, NV12
Network & Control	<ul style="list-style-type: none"> - LAN: 10M/100M adaptive Ethernet port, PoE IEEE802.3af supported - Network Protocols: RTSP, RTMP, ONVIF, GB28181; VISCA over IP supported - Control Protocols: VISCA / Pelco-D / Pelco-P; Baud Rate: 9600/4800/38400/2400 - Control Interfaces: RS232 (input & output), RS485, Type-C (UVC1.1), RJ45

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<p>Dimensions & Weight</p>	<ul style="list-style-type: none"> - Camera: 171.6 × 192.6 × 171.6mm - Package: 260 × 217 × 197mm - Net Weight: 1.43kg - Gross Weight: 2.096kg
<p>Accessories Included</p>	<ul style="list-style-type: none"> - 1 × Camera - 1 × USB Cable - 1 × Power Adapter - 1 × Wall Mount - 1 × Manual <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;">       </div>