

VZ-8.UHD Visualizer



4K
60 FPS

Next generation 4K UHD Visualizer imaging

WolfVision Visualizer systems are renowned worldwide for their unrivalled imaging quality, ease of use, and robust construction, which is due to the perfect combination of high quality components and remarkable expertise.

The VZ-8.UHD is a native 4K UHD Visualizer system. It combines crystal clear on-screen images, a touchscreen control and preview monitor, plus 4K recording and streaming functionality, together with newly designed optical and electronic systems. With the VZ-8.UHD, we set the standard worldwide for innovative, user-friendly, networked AV ready, high performance Visualizer systems.

Driving Knowledge Creation.

4K
60 FPS





Our Vision

When you've got something to say, we believe it is important that getting your message across and making an impact should be as easy as possible.

Our aim is to help you to explain it better, to give you the freedom to share your knowledge and collaborate with others - however you want, and whenever you want, when your audience is in the same room or on the other side of the world.

**Because knowledge matters -
to all of us.**

Key Features

4K **No.1 for imaging performance**
Ultra-high definition camera with 4K UHD output for presentation of content materials in unrivalled image quality.



Powerful zoom range
64x zoom for incredible flexibility when displaying content on-screen. Images are always crystal clear, even when zooming in closely on materials.



4K recording & streaming
Simultaneous 2160p / 30fps recording and streaming. Use this networked AV-ready Visualizer for capture and distribution of content materials in outstanding quality.



Focus on the content
High speed continuous autofocus, manual focus, plus an easy-to-use 9-point touch and focus mode, ensure crisp presentation of all content materials.



Adjustment-free lighting
No distracting hot spots or reflections - and no need to adjust the light. This LED Lighting system is optimised for perfect illumination.



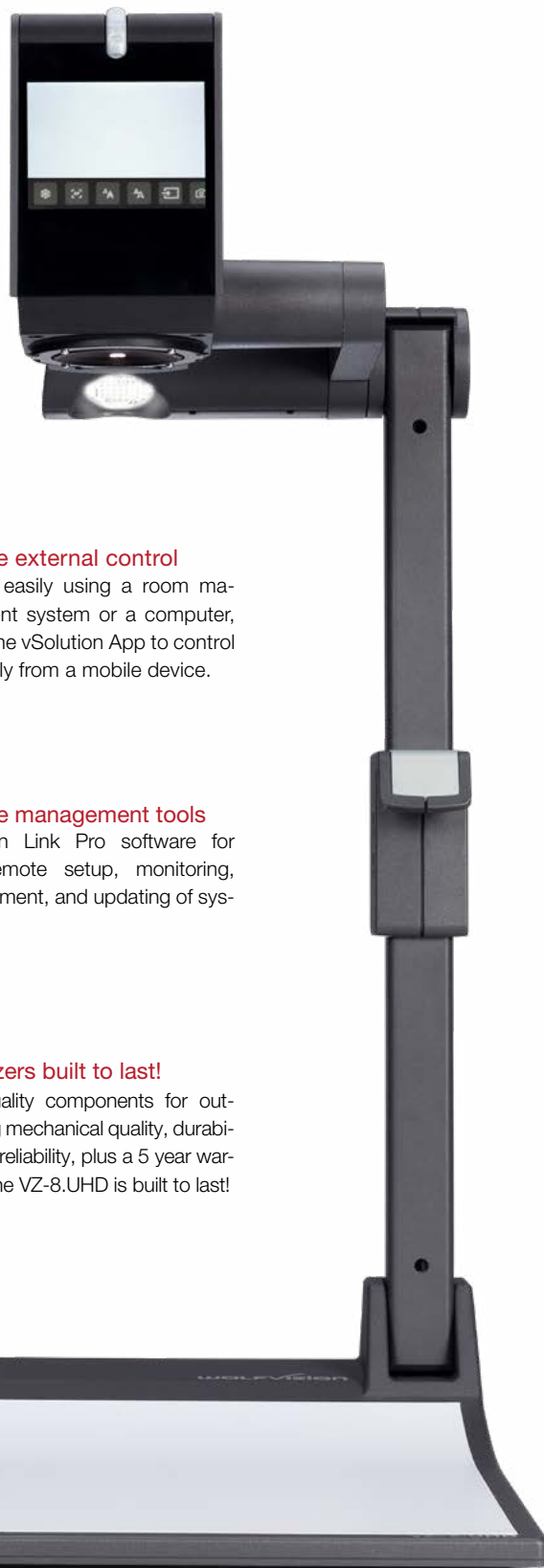
Flexible external control
Control easily using a room management system or a computer, or use the vSolution App to control wirelessly from a mobile device.



Remote management tools
vSolution Link Pro software for easy remote setup, monitoring, management, and updating of systems.



Visualizers built to last!
High quality components for outstanding mechanical quality, durability, and reliability, plus a 5 year warranty. The VZ-8.UHD is built to last!



Maximum ease of use



Touchscreen preview monitor

LCD touchscreen monitor for easy positioning of objects on the working surface, plus swipe-through advanced settings menu.

Automatic operation

Simply use the zoom wheel, and leave other settings like focusing, brightness, and white balance to be adjusted automatically.



Imaging around the room

90° rotating camera head with shake-free mount for picking up images and video from outside of the working surface.



Write on your Visualizer!

Self-adhesive dry-erase working surfaces available for convenient pickup and display of handwritten content materials.



Technical specifications

| | |
|--|--|
| Camera | CMOS 1/1.8", 60 frames per second in all resolutions |
| Effective pixels of camera sensor | 3840x2160 (8,294,400) |
| Native signal output | 2160p UHD (3840x2160), YUV420 |
| Converted widescreen signal output | 1080p HD (1920x1080), 720p (1280x720) |
| Output resolution | 1,600 lines |
| Brightness control & white balance adjustment | Automatic and manual |
| Focusing modes | High speed continuous autofocus, 9-point touch & focus, manual focus |
| Built-in touchscreen LCD control & preview monitor | Yes, 3.5" 320x240 px, RGB |
| On-screen menu | Yes, touchscreen with swipe-through menu & password-protected advanced functions |
| vSolution Link Pro software for remote management & firmware updates | Yes, included (for Windows 10 Desktop, Windows Server 2012 R2 & 2016) |
| Free firmware updates | Yes, via USB, LAN, and vSolution Link Pro |
| Zoom / Lens type | 64x zoom (16x optical, 4x digital), zoom wheel with multiple speed / Wide angle lens, f = 6.8 - 110 mm |
| Max. object height on working surface | 130 mm (5.1") in tele position 370mm (14.6") in wide position |
| Max. size of pick-up area | 16:9, A3, (510 x 285mm / 20.1" x 11.2") |
| Min. pick-up area on working surface (full resolution, optical zoom) | 16:9 (29.5 x 16.6mm / 1.2" x 0.7") |
| Min. pick-up area on working surface (with digital zoom) | 16:9 (7.4 x 4.2mm / 0.3" x 0.2") |
| Max. pick-up area outside of working surface | Unlimited |
| Depth of focus on small object (42 x 33mm) | 3mm (0.1") |
| Depth of focus on large object (360 x 270mm) | 120mm (4.7") |
| Rotation of camera head | 90° towards audience |
| Light source | Maintenance-free, high-brightness LED light system (high light output, low power consumption), lamp lifetime: 30,000 hours |
| UVC (Windows, Linux & macOS), PTP (Picture Transfer Protocol) | Yes |
| Live to freeze comparison (Side by Side) | Yes (2 x 1080pHD on a 4K screen) |
| Intelligent folding system | Yes, articulated arm, with 2-step setup |
| User programmable presets | 3 |
| LAN web interface | Yes |
| LAN streaming modes (Unicast, Multicast) | Up to 2160p 30fps, RTP H.265 + audio, RTP H.264 + audio, RTP MJPG + audio |
| Video recording | Yes, 2160p, up to 30 fps |
| Image memory | 8GB internal memory + additional storage on USB stick or external hard drive |
| Reflection-free pick-up area | Yes, entire pick-up area |
| External computer input/input switch | Yes, HDMI x2, (with HDCP 2.3) up to 4K UHD 60fps pass through, and built-in digital scaling of input signal. |
| Alternative image display | Yes, negative image / black & white image |
| Seamless cross-fading between image sources | Yes, fading over black |
| Connectors | 2x HDMI In (with HDCP 2.3), 1x HDMI out, (with HDCP 2.3) 1x LAN port, 1x USB 3.0 device port, 2x USB 2.0 host ports |
| Audio | Yes, via HDMI In and HDMI Out |
| Advanced controlling with professional protocol | Yes, via LAN and USB |
| Dimensions in operation (L x W x H) | 392mm x 312mm x 613mm (15.4" x 12.3" x 24.1") |
| Dimensions when folded (L x W x H) | 392mm x 312mm x 140mm (15.4" x 12.3" x 5.51") |
| Weight | 4.95Kg (10.9lbs) |
| Anti-theft devices | T-Lock (Kensington® Lock), and table lock bolt |
| Power | External desktop power pack: multi range 100-240V, 60W, length of power cord: 1.8m |
| Infrared remote control | Optional (supplied free of charge on request) |
| Other optional accessories | Dry-erase working surface, carrying case |
| Warranty / Made in | 5 years / EU Austria |

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