Wolfvision VZ-8.UHD Visualiser
Driving Knowledge Creation

WOLFVISION®

The VZ-8.UHD is a native 4K UHD Visualizer system, combining 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, helping set the standard worldwide for innovative, user-friendly, networked AV ready, high performance Visualiser systems.

Excellent imaging performance, with recording and streaming

Ultra-high definition camera with 4K UHD output for presentation of content materials in unrivalled image quality. Also, simultaneous 2160p / 30fps re-cording and streaming making this networked AV-ready Visualiser ready for capture and distribution of content materials in outstanding quality.

Powerful zoom range, focus on the content

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

Touchscreen preview monitor and automatic operation

LCD touchscreen monitor for easy positioning of objects on the working surface, plus swipe-through advanced settings menu. With automatic operation, simply use the zoom wheel, and leave other settings like focusing, brightness, and white balance to be adjusted automatically

Helping schools use technology to deliver better education

Product Specification

Wolfvision VZ-8.UHD

Features

Camera	1-CMOS 1/1.8", 60 fps at all resolutions
Effective Pixels	3840 x 2160
Native signal output	2160 UHD (3840 x 2160) / 720p (1280 x 720)
Converted widescreen output signals	1080p HD (1920 x 1080) / 720p (1280 x 720) 980 lines
Output Resolution	1600 lines
Brightness control & white balance adjustment	Automatic / Manual
Focusing modes	High speed continuous autofocus / 9-point touch & focus / manual focus
Built-in touchscreen LCD control & preview monitor	Yes, 3.5" 320 x 240 px, RGB
On-screen menu	Yes, touchscreen with swipe-through menu & password-protected advanced functions
vSolution Link Pro software	Yes, included. Allows remote management and firmware updates
Free firmware updates	Yes, via USB, LAN and vSolution Link Pro
Lens type	Wide Angle lens, f = 6.8 - 110mm
Total Zoom	x 64
Digital Zoom	x 4
Optical Zoom	x 16
Max. object height on working surface	130 mm in tele position 370mm in wide position
Max. size of pick-up area	16:9, A3

Min. pick-up area on working surface	With Optical Zoom - 16:9, 29.5 x 16.6 mm With Digital Zoom - 16:9, 7.4 x 4.2mm)
Max. pick-up area outside of working surface	Unlimited
Depth of focus on small object (42 x 33 mm)	3 mm
Depth of focus on large	120 mm
Rotation of camera head	90º towards audience
Light source	LED light system, 30,000 hours
UVC	Yes
Live to freeze comparision	Yes (2 x 1080pHD on a 4k screen, side by side view)
Intelligent folding system	Yes, articulate arm, with 2-step setup
User programmable presets	3
LAN web interface	Yes
LAN streaming modes	Unicast & Multicast Up to 2160p 30fps / RTP H.264 +audio / RTP MJPg + audio
Video Recording	Yes, 2160p, up to 30fps
Image Memory	8GB internal memory + additional storage on USB stick or external hard drive
Reflection-free pick-up area	Yes, entire pick-up area

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External computer input/input switch	Yes, HDMI x 2 (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
Connectivity	
- HDMI in	x 2 (with HDCP 2.3)
- HDMI out	x 1 (with HDCP 2.3)
- LAN port	x 1
- USB	x 1 (USB 3.0, device port)
	x 2 (USB 2.0 host port)
- Audio	Yes, via HDMI In and HDMI Out
Advanced controlling with professional protocol	Yes, via LAN and USB
Dimensions	Operation: L392 x W312 x H613 mm
	Folded: L392 x W312 x H140 mm
Weight	4.95Kg
Anti-theft devices	T-Lock (Kensington® Lock) and table lock bolt
Power	External desktop power pack: Multi range 100 - 240V, 1.8m power cord
Power Consumption	60W
Warranty	5 years

What's in the box?

Wolfvision VZ-8.UHD Unit

Infrared Remote Control (Optional, supplied free of charge on request)

Power Cable

Optional Accessories
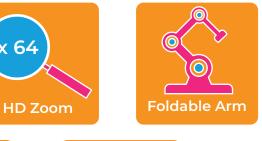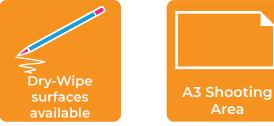
Dry-erase working surface

Carrying Case

5 Year Warranty	**HDMI**	**Built-In LED Light**
1080p at 60FPS	**x 64 HD Zoom**	**Foldable Arm**
Dry-Wipe surfaces available	**A3 Shooting Area**	

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