

## VZ-2.UHD Document Camera



# Outstanding imaging technology for education

VZ-2.UHD Document Camera / Visualizer

The VZ-2.UHD Visualizer system demonstrates that simplicity truly is the ultimate sophistication. Drawing on more than 50 years' experience and expertise, we have engineered a superb new entry level document camera system, ideal for inspiring creative teaching and learning, both inside and outside of the classroom.

This elegant, compact, affordable system, features outstanding picture quality, plus the same robust design, and unrivalled ease of use, that is found throughout the entire WolfVision product line. It is a first-class 'live' imaging tool, equally suitable for supporting in-classroom, online or hybrid learning environments.

**Driving Knowledge Creation**





## 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.

# Advanced yet simple

## 4K Stunning picture quality!

Bring your classes to life using our ultra-high resolution 4K UHD camera with 30 frames per second (60 fps in all other resolutions), ensuring smoothness of motion, and an outstanding image resolution of 1300 lines.



## Versatile zoom range

With 24x Zoom even the finest details are easily shown onscreen. This Visualizer handles both A4 portrait and A3-sized materials, and delivers the incredible, crisp, true-to-life on-screen images that students remember long after the session is over.



## Shake-free imaging!

Simply touch the unit to appreciate its solid construction. Unlike other compact doc cams, it doesn't wobble when you operate it. On-screen images are always shake-free, ensuring there are no on-screen distractions for students.



## Imaging around the room!

Using the normal working area, filming yourself, or even picking up an object from behind the Visualizer are all possible using the 192° rotating camera.



## Energy efficient

The VZ-2.UHD is extremely energy efficient, using only 18 watts in operating mode. It can also be configured to switch off automatically at a pre-defined time if required.



## No need to adjust the light!

Powerful fixed LED lights provide smooth, natural illumination, optimised for every part of the pick-up area. Hotspots are eliminated, and on-screen images are tack sharp and distortion-free, even at the edges of the displayed image.



## Remote management tools

The VZ-2.UHD unit has a network interface which enables it to be used with our vSolution Link Pro software, providing easy remote setup, monitoring, management and updating of large numbers of devices.



## Visualizers built to last

High quality components for outstanding mechanical quality, durability, and reliability, plus a 5 year warranty. These Visualizer systems are built to last!



# Capture, Share, Inspire



## Flexible solution for hybrid learning

Use the 4K UHD rotating camera as a webcam for a flexible web conferencing experience. Switch camera positions easily between your content materials and yourself as and when needed.

## Even better when combined!

Use our dedicated app to send your Visualizer images to your interactive whiteboard. Add them easily into classroom sessions, and even control your Visualizer using your interactive whiteboard.



## Outstanding connectivity options

With HDMI In and HDMI out ports plus a LAN network interface, it's easy to integrate the VZ-2.UHD into your setup. The USB 2.0 host port is useful for saving images onto a USB stick and the USB 3.0 device port can be used for connecting to a computer.

## Designed for ease of use

Continuous autofocus ensures on-screen images always look superb, and the convenient built-in touchscreen user interface ensures quick and easy operation of all controls.



# Technical specifications

## Features

| Features   | VZ-2.UHD   |
|--|--|
| Camera / Frames per second   | CMOS 1/2.8" 4K UHD 30 frames per second (60 fps in all other resolutions)              |
| Effective pixels of camera sensor                                    | 3864 x 2192 (approx. 8.47 megapixels)  |
| Native signal output / Output resolution                             | 2160p UHD 444 (3840 x 2160)  |
| Converted widescreen output signals (16:9 and 16:10)                 | 1080p FHD (1920 x 1080), 720p HD (1280 x 720)  |
| Image resolution   | 1300 lines   |
| Brightness control   | Automatic and manual   |
| White balance adjustment   | Automatic and manual   |
| Adjustable colour settings   | Yes  |
| Focus modes  | High speed continuous autofocus, manual focus  |
| On-screen menu   | Yes, touchscreen with swipe-through menu & password-protected advanced functions       |
| vSolution Link Pro software for remote management & firmware updates | Yes, included (Windows 10, Windows Server 2012 R2 & 2016, Windows Web Server, macOS)   |
| Free firmware updates  | Yes, via USB, LAN, and vSolution Link Pro  |
| Zoom / Lens type   | 24x Zoom (12x optical, 2x digital) / Wide angle f=3.17                                 |
| Max. object height on working surface                                | 110 - 270 mm (Tele / wide)   |
| Max. size of pick-up area  | Length: 355 mm, Width: 473 mm  |
| Max. size of pick-up area outside of working surface                 | Unlimited  |
| Min. size of pick-up area (with optical zoom)                        | Length: 30 mm, Width: 53 mm  |
| Min. size of pick-up area (with digital zoom)                        | Length: 15 mm, Width: 27 mm  |
| Depth of focus on small object (42 x 33 mm)                          | 30 mm  |
| Depth of focus on large object (360 x 270 mm)                        | 100 mm   |
| Light source   | Adjustment-free, maintenance-free LED light system                                     |
| Reflection-free pickup area  | Entire working area  |
| UVC (Windows, Linux, macOS), PTP (Picture Transfer Protocol)         | Yes  |
| Rotating camera head   | Yes, 192°, for imaging to the front or rear the unit                                   |
| User programmable presets  | 3  |
| Image memory   | 8GB internal memory + unlimited storage on USB stick                                   |
| External computer input / Input switch                               | 1x HDMI In   |
| Built-in digital scaler for the computer input                       | Yes (processes the signal from HDMI input)   |
| Inputs / Outputs   | 1x HDMI Out, 1x HDMI In, 1x USB 3.0 device port, 1x USB 2.0 host port, 1x LAN port     |
| LAN web interface  | Yes (access to OSD menu, but no live image and controls)                               |
| Room control APIs available for controlling                          | Yes (via LAN and USB)  |
| Dimensions in operation (L x W x H)                                  | 225 x 175 x 410 mm   |
| Weight   | 1.70 kg  |
| Anti-theft devices   | T-Lock (Kensington® Lock) and table lock bolt  |
| Power  | External desktop power pack 12V: multi range 100-240V, 18W (length of power cord 1.5m) |
| Included accessories   | Power supply   |
| Optional accessories   | Dry-erase working surface  |
| Warranty / Made in   | 5 years / EU Austria   |

Available in selected markets only | Design and specifications subject to change! | Printed in Germany, January 2024

Your WolfVision Partner:



More information:



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