VZ-3neo Visualizer System

Driving the Creation of Knowledge

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WolfVision is a provider of systems and services to leading universities, businesses, schools, and other organizations. An acknowledged 'technology leader' in the Visualizer and presentation solutions market, WolfVision is the company that takes the lead, setting standards worldwide for innovative, reliable, user-friendly, high performance presentation, and collaboration solutions. Our entry-level VZ-3neo Visualizer system includes all the core features that every user requires, and it is customizable with a range of options providing maximum flexibility in system selection.

With more than 40 years experience, our extensive knowledge and expertise across all application sectors enables us to offer comprehensive consultative guidance on customized combinations of hardware systems, software, apps, and accessories, which enhance communication, collaboration, and knowledge sharing across all environments. As part of each individual √Solution WolfVision offers not only pre-sales advice, but also post-sales support, training, and service, ensuring that you receive maximum benefit from your investment.
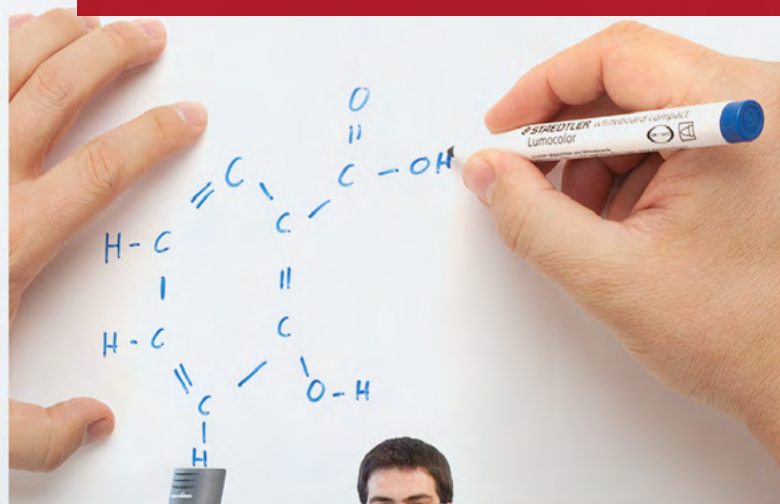
Our Vision

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.**

High Performance Systems

WolfVision Visualizer systems are well-known for their unrivalled imaging quality, which is due to the perfect combination of high quality components and remarkable expertise. Our systems deliver high resolution throughout the entire picture, true-to-life colors, and consistently high frame rates to ensure smoothness of motion. They have fast and accurate autofocus and zooming, giving high quality dependable results every time! High end lenses provide distortion-free images, and high tech lighting systems deliver smooth and consistent lighting without distracting reflections or hot spots.

WolfVision's state-of-the-art YSOP1 image processing engine enables the fast and efficient processing of high volumes of data, ensuring the consistent real-time display of impressive high-definition pictures with unsurpassed levels of accuracy and detail.
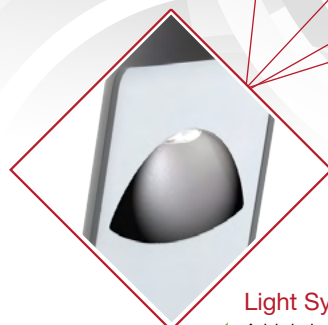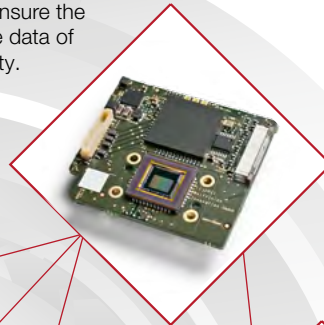
Image Sensor
WolfVision's high resolution image sensors ensure the capture of image data of the highest quality.

High End Optics
Large premium quality lenses provide unrivalled imaging performance.

Software (Firmware)
Sophisticated software maximizes the hardware potential to guarantee excellent picture quality.

Electronic Hardware
High quality components deliver high performance, stability, and reliability.

Light System
A high-brightness LED lamp with low power consumption provides smooth and consistent lighting for accurate color reproduction.

Key Features

Flexible Zoom Range

The VZ-3neo Visualizer comes with a 12x zoom (6x optical and 2x digital), which can pick up objects as large as an open book or as small as a credit card in full size to fill a screen.

Power over Ethernet Plus

The LAN port of the VZ-3neo includes Power over Ethernet Plus (PoE+) functionality, compatible with devices meeting the IEEE 802.3at industry standard. Power over Ethernet is a popular way of saving on cables and installation costs.

Protect Your Investment

There is a thread on the bottom of the working plate for attaching the unit to a table with the supplied table lock bolt. Additionally, T-Lock (Kensington® Lock) devices can also be used.

Optional Wireless Connectivity

The optional BYOD feature pack comprises a WLAN stick and an accompanying firmware upgrade that enables the VZ-3neo to be used with the vSolution Connect and vSolution Control apps (see page 7).

Adjustment-Free Lighting

The light system is optimized for the working surface, so there is never any need to adjust the light. An extremely long lifetime of 30,000 hours can be considered as maintenance free for most installations.

High Resolution Camera

WolfVision's VZ-3neo Visualizer system features a 1-CMOS native 1080p full HD camera with 30 frames per second and sRGB color precision, giving 980 lines of visible resolution in every part of the picture.

Write On Your Visualizer!

An optional dry-erase working surface is available for the VZ-3neo Visualizer. This allows a user to write directly onto the working surface during a presentation, enabling the device to be used spontaneously as a whiteboard or 'digital flip chart.'

Easy To Use / Zoom Wheel

For standard operation, users only need to use the multiple-speed zoom wheel on top of the camera head. All other controls such as focus, brightness, etc., are adjusted automatically.
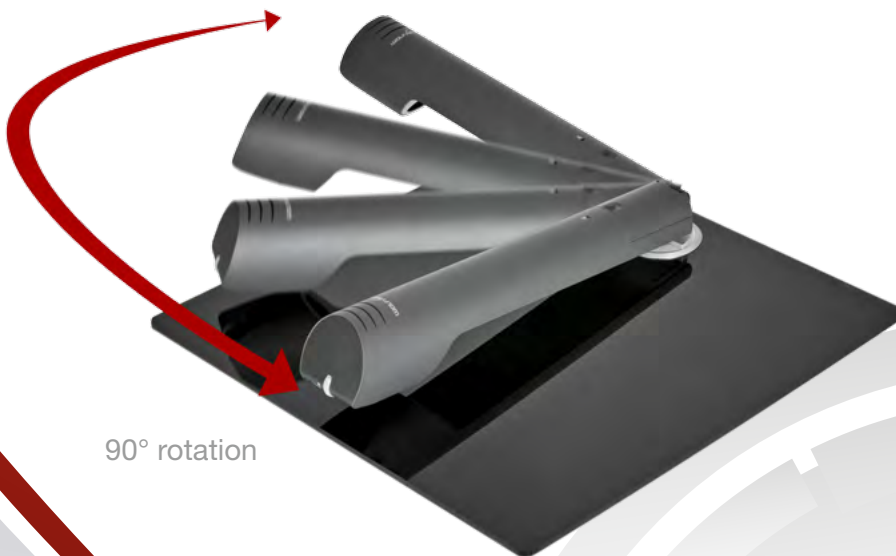
Space-Saving Imaging

Flexible Installation Options

VZ-3neo Visualizers are highly compact and portable systems that can easily be used to serve a number of different rooms. They are available either with or without an integrated working surface.

The version without working plate enables permanent mounting directly onto a desktop or podium using the supplied 'swivel plate'. The added advantage of this, is that the unit can be rotated sideways through 90° facilitating easy storage, and allowing the desktop surface area to remain completely obstruction-free.

This option is particularly useful if there are space restrictions, and it provides an additional installation option if the unit is required to fit into a particular room design. It is an ideal solution if the unit is to be installed on a podium.
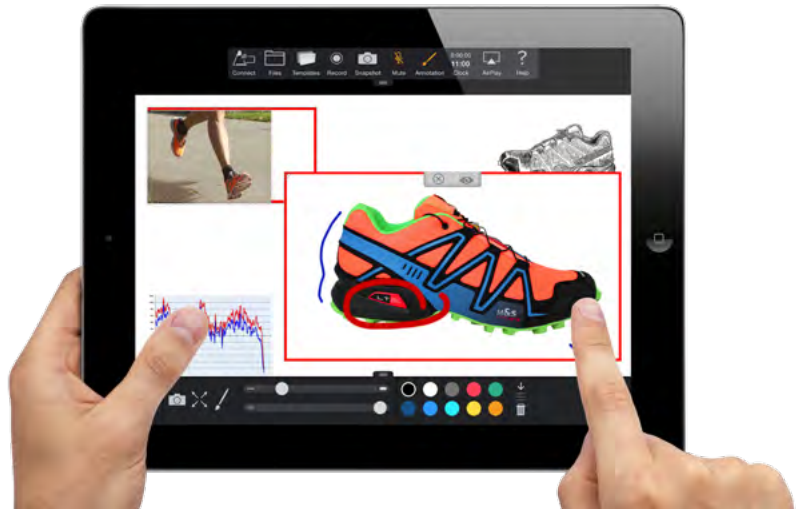
90° rotation

++ Video ++

Flexible Connectivity
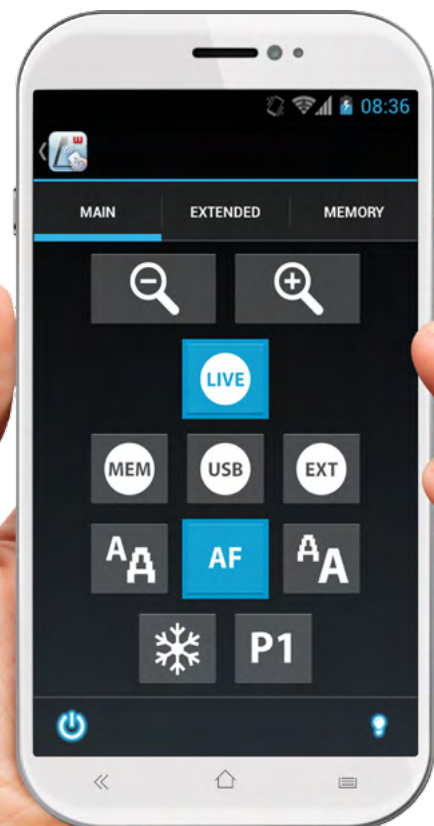
√Solution Connect App for Tablets

Sync your VZ-3neo with vSolution Connect, our powerful app for tablets. This app enables all media types, whether stored locally or in Dropbox, to be integrated into presentations, and controlled easily using a single device. A live image preview shows exactly what the audience sees on-screen, and wireless connectivity (with optional BYOD feature pack) allows content material to be controlled from anywhere in the room.

√Solution Control for Smartphones

The vSolution Control app enables iPhone, Windows 8, Windows Phone 8 or Android devices to connect to the Visualizer via WLAN. This intuitive and easy-to-use app allows presenters to use the device keypad and live image preview to wirelessly control a VZ-3neo Visualizer system during presentations and lectures.

√Solution Link for PC and Mac

vSolution Link software allows a user to connect a computer directly to a VZ-3neo system. The software enables saving, printing and emailing of images, recording of videos, adding annotations and video streaming. It also provides useful tools for automatically applying firmware updates, which helps to extend the life of your investment, and allows new features and technical improvements to be added at no cost!

Creating Unique Multimedia Presentations

During a presentation, the 'Source' key on the Visualizer can be used to switch between Visualizer images and computer images from a PC that is connected to the external HDMI input of the Visualizer system. There is no need to use a separate remote control from a projector or monitor in order to switch image sources.

Technical Data

	VZ-3neo
Camera	1-CMOS 1/3"
Pictures per second (as picked up by the camera)	30 frames (in all resolutions)
Effective pixels (=pixels actually used for image information)	1920x1080 (=2,073,600)
Total pixels of camera sensor	2,073,600
Pixels processed per second (=effective pixels x frames per second)	62,208,000
Color reproduction / precision	Very good colors (sRGB color precision)
Native signal output	1080p HD (1920x1080)
Converted output signals (4:3 and 5:4)	UXGA (1600x1200), SXGA (1280x1024) XGA (1024x768), SVGA, (800x600)
Converted widescreen output signals (16:9 and 16:10)	720p HD (1280x720), WUXGA (1920x1200), WXGA (1280x800)
Resolution (measured)	980 lines
Brightness control	Automatic and manual
White balance adjustment	Automatic and manual
Autofocus / Speed	Yes (continuously working, high speed)
Manual focus	Yes
On-screen menu and on screen help	Yes
Firmware Updates via	USB, LAN, USB stick
Zoom / Lens	12x zoom (6x optical, 2x digital) multiple-speed zoom wheel
Lens type	Wide angle, 28mm, f4.7
Max object height on working surface	200mm (8.0") in tele position 320mm (12.6") in wide position
Max. pick-up area on working surface	Length: 290mm (11.42"), Width: 400mm (15.75")
Min. pick-up area on working surface (in full resolution with optical zoom)	66 x 50mm (2.6" x 2.0")
Min. pick-up area on working surface (with digital zoom)	33 x 26mm (1.3" x 1.0")
Depth of focus on small object: 66 x 36mm (2.6" x 1.4")	15mm (0.6")
Depth of focus on large object: 360 x 200mm (14.1" x 7.9")	260mm (10.2")
Light source	Maintenance-free high-brightness LED light system (high light output, low power consumption), lamp lifetime: 30,000 hours
vSolution Link (USB/LAN, for controlling, image and video capturing, and firmware updates)	Included (for 32 and 64-bit Windows and Macintosh, Twain/WIA compatible)
UVC driver for Windows, Linux, and OS X (Mac)	Yes
vSolution Cynap compatible	Yes
Reflection-free area on working surface	Whole working surface
Intelligent folding system	Mechanical arm
User defined settings on USB stick	Yes
User programmable presets	1
Swivel plate with 90° rotation	Optional
Special working surface for transparencies	Yes (not included with optional swivel plate version)
Dry-erase working surface	Optional
Slide pick-up	With optional lightbox
Bottom light	With optional lightbox
External computer input / Input switch	Yes, HDMI (DVI via optional adapter cable)
Seamless cross-fading between image sources	Optional
Live to Freeze Comparison (Picture in Picture)	Yes
WolfVision image processing engine "YSOP1"	Yes
Built-in digital scaler for the computer input	Yes (processes the signal from HDMI input for HDMI output)
Image memory	1 image freeze
Alternative Image display	Negative image / negative-blue image / black and white image
Connectors	1x HDMI in, 1x HDMI out, IP addressable LAN port, mini USB 2.0 device port, USB 2.0 host port,
Output	HDMI (DVI output via optional HDMI-DVI adapter cable)
Ethernet / LAN port	Yes, with PoE+
LAN web interface	Yes
Integrated WLAN (dual band stick for 2.4GHz & 5GHz)	Optional via BYOD feature pack
RS232 port	- (if required external LAN to RS232 adapters can be used)
Advanced controlling with professional protocol	Yes, via LAN and USB
Dimensions in operation (L x W x H)	488mm x 305mm x 525mm (19.2" x 12" x 20.7")
Dimensions when folded (L x W x H)	574mm x 305mm x 135mm (22.6" x 12" x 5.3")
Weight	3.76kg (8.3lbs)
Operating temperature / relative humidity	0°-40°C (32°-104°F) / 40-60%
Anti-theft devices	T-Lock (Kensington® Lock), and table lock bolt
Power	External desktop power pack 12V: multi range 100-240V, 24W, Power over Ethernet Plus (IEEE 802.3at-2009 standard)
Included accessories	Cable shield, power supply with cord 1.8m (5'11"), LAN cable 1.8m (5'11"), mini USB cable 1.8m (5'11"), HDMI cable 1.5m (4'11"),
Warranty	5 years

All units made in the European Union (Austria)   *Design and specifications subject to change!*

Your WolfVision Partner:

More information:

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