

VZ-C12³ and VZ-C32³ Visualizer Systems



Driving the Creation of Knowledge

VZ-C12³ and VZ-C32³ Ceiling Visualizer Systems

WolfVision is a worldwide provider of products 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 solutions.

WolfVision VZ-C12³ and VZ-C32³ Visualizer systems can either be integrated into a suspended ceiling, or mounted onto the ceiling just like a projector. The speaker's table or lecturn is kept clear, so that nothing obstructs the view between the speaker and the audience during a presentation, and objects to be displayed can be easily moved around the entire tabletop. A synchronized lightfield shines onto the desk, highlighting the pick-up area of the camera, showing exactly where to place display materials.



Our extensive knowledge and expertise across all application sectors enables us to offer comprehensive consultative guidance on customized combinations of Visualizer and camera hardware, software, and accessories, which enhance communication, collaboration, and knowledge sharing across all environments. As part of each individual √Solution we offer not only pre-sales advice, but also post-sales support, training and service, ensuring that you receive maximum benefit from your investment.

Driving the Creation of Knowledge. Since 1966.







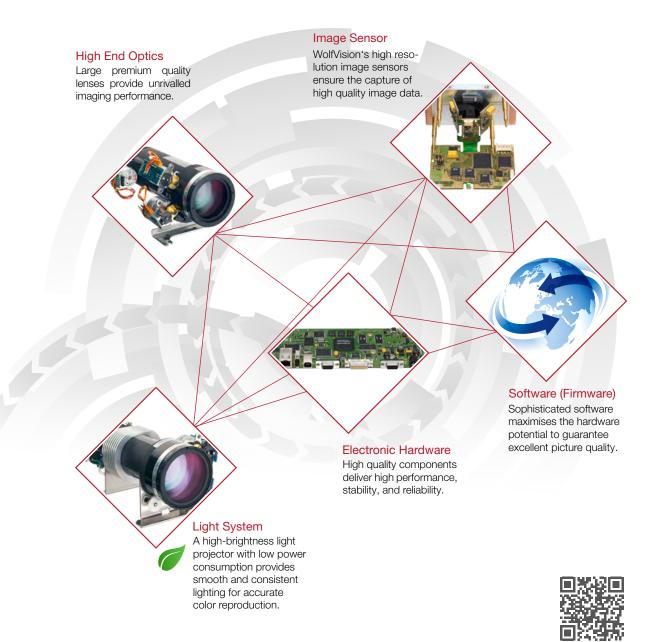






High Performance Imaging

WolfVision Visualizers 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.



++ Video ++

Key Features

Flexible Installation

Ceiling Visualizers can be either mounted on the ceiling, or integrated into a suspended ceiling. To suspend the Visualizer from the ceiling (in order to get bigger enlargements), any standard ceiling mount for projectors can be used. The automatic height adjustment mode facilitates easy installation, and also offers the possibility to expand the optical zoom range if a height adjustable table or ceiling mount is used.

Plenum Rating

The Ceiling Visualizer Series design and material adheres to all fire safety regulations and allows for quick installation into any ceiling. Both the VZ-C12³ and VZ-C32³ are plenum rated.

Large Zoom Range

These Ceiling Visualizers come with powerful telezoom lenses with 16x optical zoom factor. In combination with the 4x digital zoom, the total zoom range of the Ceiling Visualizers is 64x. WolfVision telezoom lenses ensure maximum suitability for installation in a wide variety of rooms with different heights.



Powerful HD Cameras

The difference between the two Ceiling Visualizers is the built-in camera. The VZ-C12³ comes with a 1-CCD native 720p HD/SXGA-/WXGA camera with 820 lines resolution, while the VZ-C32³ features a 3-CCD native 720pHD/SXGA-/WXGA camera with 1200 lines resolution and 100% color accuracy.

Internal Image Memory

9 images can be stored and then recalled by simply pressing one of the numerical keys on the remote control. By pressing the "View All" key, a split image with all 9 pictures of the memory can be displayed, enabling easy selection.

High Depth of Focus

The Visualizer telezoom lenses have a very high depth of focus. Even at high magnification, when working with larger objects, images are always sharp from top to bottom.



Flexible Connectivity Options



Efficient Knowledge Transfer via Streaming

VZ-C12³ and VZ-C32³ Visualizer systems or connected WolfVision vSolution Link software can stream video to computers, tablets or smartphones on the internal network or the internet using Motion JPEG mode. An external device receiving the Visualizer's stream can also be used as a control monitor.



Quick and Convenient Distribution

WolfVision offers several possibilities for taking snapshots and emailing or printing them using our software components. This facilitates quick and easy distribution of materials during a presentation when required.



Effective External Controlling

A wide range of connectivity options ensures that effective external controlling of the Visualizer is possible. Serial RS232, USB, LAN, and Infrared connections can be used to control these Visualizer systems from external devices such as a room control or videoconferencing system or a computer.



Transforming Presentations

√Solution Link for PC and Mac

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



√Solution Control for Smartphones

The WolfVision vSolution Control App enables the Visualizer systems to connect to an iPhone, Windows 8, Windows Phone 8 or Android device via WLAN. This intuitive and easy to use app allows presenters to use the device keypad and Live Image Preview to control a presentation or lecture wirelessly from anywhere in the room.





User-Friendly Operation

Synchronized Lightfield -For Easier Positioning of Objects

A light projector inside the unit projects a lightfield the same size as the pick-up area of the built-in camera onto the working surface. The lens of the light projector and the camera are synchronized so that when zooming in and out, the size of this lightfield changes accordingly. The illuminated part of the working surface is always identical to the pick-up area of the camera. So a user always knows exactly where to place objects or documents.



Powerful Illumination of complex 3-Dimensional objects

Due to the special light system of the Ceiling Visualizers, every part of the recorded picture is always perfectly illuminated. Hollow objects or complex 3-dimensional objects are always completely illuminated - even on the inside. There is never any need to adjust the light.



Illuminated on the inside



Not illuminated on the inside

Shadow-Free Images

As the camera and the light projector are situated side by side within the Visualizer, shadows are almost completely eliminated. During a presentation, it is often necessary to write on a document on the working surface or to

point to a certain detail with a finger or a pencil. Ceiling Visualizers are perfectly suited for this, as there are practically no shadows created, that might otherwise cover up important information.





With shadow



1-CCD 1/3" Progressive Scan 30 frames (in a 1280 x 960 (=1,228,800) 1,320,000 36,864,000 very good colors (sRGB color precision) SXGA- (1280x960), and 720p HD UXGA (1600x1200), S SXGA (1280x1024), XGA (11 WUXGA (1920x1200), 1 WSXGA+ (1680x1050), WXGA+ 820 lines 1050 lines 90, 180 and 2 automatic a one-push-autofocus (focusing is rarely ye yes (in size of pick-up area of car ye yes (RGB, DVI and Preview outp One can output a live image and ye USB, RS232, L two telezoom lenses, 64x zo no lines	3 x 1280 x 960 (=3,686,400) 3,960,000 110,592,000 100% lifelike colors (sRGB color precision) WXGA (1280x800) 0 (1280x720) SXGA+ (1400x1050), 024x768), SVGA (800x600) 080p HD (1920x1080), (1440x900), WXGA (1360x768) 1200 lines 1550 lines 270 degrees and manual necessary due to high depth of focus) is mera) with 4:3 / 16:10 switching is utts can output different signals. d another one a "freeze" image)
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All units made in the European Union (Austria)

Design and specifications subject to change!



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