

VZ-C6 Visualizer System



Driving Knowledge Creation

VZ-C6 Ceiling Visualizer System

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.



The ceiling-mounted VZ-C6 ensures that nothing obstructs the view between the presenter and the audience during a presentation. It comes with a native 1080p HD camera, Synchronized Lightfield, and multimedia HD recording functionality.

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



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++ Video ++



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



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High Resolution Camera

A high definition 1-CMOS camera with 30 frames per second, sRGB color precision and 1080p HD native image format gives 980 lines of visible resolution in every part of the picture.

Large Zoom Range

An impressive zoom range of 48x (12x optical and 4x digital) allows for zooming in very closely as well as picking up very large objects when required.

High Depth of Focus

A wide angle lens with a very high depth of focus ensures that even at high magnification, images are always sharp from top to bottom.

Easy to Use

For basic operation, users only need to use the zoom keys on the remote control as all other controls such as focus, brightness, etc., are adjusted automatically.

100% Reflection-Free

The advanced light system ensures that no light from the Visualizer is reflected back into the camera. The entire working surface is always 100% reflection-free.

Recording made easy!

Onboard recording functionality enables entire presentations to be captured including the audio, providing a quick and easy solution for in-house recording of training videos or lecture content.

User-Friendly Operation

Intuitive Positioning - Synchronized Lightfield

A light projector inside the VZ-C6 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.



Perfect Illumination / Adjustment-Free Lighting

Due to the special light system of the VZ-C6, 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. As a result, there is never any need to adjust the light.



Illuminated on the inside

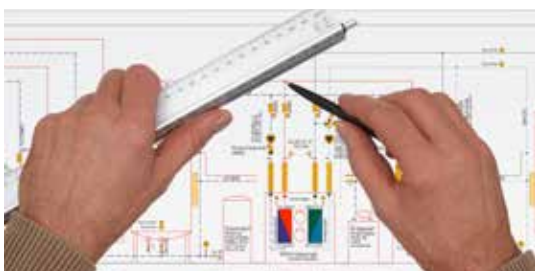


Not illuminated on the inside

Shadow-Free Images

As the camera and the light projector are situated side by side inside the VZ-C6 and follow the same path, shadows are almost completely eliminated. During a presentation, it is often neces-

sary to write on a document on the working surface or to point to a detail with a finger or a pencil. There are practically no shadows created, that might otherwise cover up important details.



Shadow-free



With shadows

Technical specifications

Camera	1-CMOS 1/3", 30 frames (in all resolutions)
Effective pixels (= pixels actually used for image information)	1920x1080 (=2,073,600)
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)	WUXGA (1920x1200), WXGA (1280x800), 720p HD (1280x720)
Resolution (measured)	980 lines
Brightness control and white balance adjustment	Automatic and manual
Focusing modes	High speed Continuous Autofocus, Manual Focus
Synchronized lightfield (for easy positioning of objects)	Yes
Live to Freeze comparison (Picture in Picture & Side by Side)	Yes
On-screen menu with help	Yes
Firmware updates via	USB, LAN, USB stick
Zoom / Lens	Wide-angle zoom lens, 48x zoom (12x optical + 4x digital)
Max. object height on working surface	No limit
Max. pick-up area on working surface	Depending on installation height (904 – 1748mm / 35.6" – 68.8")
Min. pick-up area on working surface	Depending on installation height (89 – 138mm / 3.5" – 5.4")
Depth of focus on small object (42x33mm)	Larger than 20mm (0.8")
Depth of focus on large object (360x270mm)	Larger than 250mm (9.7")
Shadow-free illumination	Yes
Illumination of hollow objects	Yes
Light source	Maintenance free high-brightness LED light system (high light output, low power consumption), lamp lifetime: 30,000 hours
vSolution Link Pro software	Yes, for remote management & firmware updates (for Windows 10 Desktop, Windows Server 2012 R2 & 2016)
UVC Driver for Windows, Linux, and macOS	Yes
User programmable presets	3
User defined Visualizer settings on USB stick	Yes
Reflection free area on working surface	Entire working surface
vSolution App compatible	Yes, wireless control via a mobile device (app available for iOS, iPadOS, Android, and Windows)
External computer input / Input switch	Yes, 2x HDMI (DVI or Display Port via optional adaptor or cable) and WLAN
Seamless cross-fading between image sources	Yes
Image memory	8GB internal memory + additional storage on USB stick or external hard drive
Browsable image memory (scrollable thumbnails + 1 larger preview image)	Yes
Connectors	2x HDMI In, 1x HDMI Out, RGB, IP-Addressable LAN Port 10/100 Mbps, USB Device Port, 2x USB Host Ports, Audio Line in, Audio Line out, IR-Extern
LAN streaming modes (multicast and unicast)	H.264, Motion JPEG, RTP Motion JPEG including audio
Onboard video recording including audio	Yes (720p HD, up to 30 frames per second, AVI container, H.264 codec, .AVI file extension)
Dimensions (L x W x H)	478mm x 125mm x 178mm (18.8" x 4.9" x 7.0")
Advanced controlling with professional protocol	Yes, via LAN and USB
Weight	4.8kg (10.6lbs)
Infrared remote control	Yes (optional external receiver with 10m cable and status LED)
Ceiling mount	Included
Power	Internal power supply, multi range 100-240V, power consumption: 50W, adjustable standby power consumption
Warranty	5 years

Design and specifications subject to change!

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